THE EAST BAY AMATEUR RADIO CLUB, INC.

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 1

JANUARY 2007

## EBARC Meeting

**January 12, 2007**
**7:30 p.m.**

**Michael McMillan, K6MCM**
**"East Bay RACES**
**& ARES Organizations"**

**The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Appian Way, El Sobrante.**

**The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 220 Apollo #7, Hercules. For directions call 964-1503 or 145.11 repeater.**

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

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*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for Feb. issue: Tuesday, Jan. 23th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

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## President's Soapbox
### Jack Burris K6JEB

Yesterday (Dec 14) I happened to be home when the ten meter band opened up. Not in years have I heard so much activity across the entire 10m band: CW, PSK, SSB, and even FM on the high end! The opening lasted but a couple hours. And in fact, by the time I would have normally arrived home from work, everything was pretty much "back to normal."

Of course today we're seeing that this was part of a solar storm which has managed to wreak havoc across all the bands, rendering them useless - even chasing the astronauts into the better-shielded parts of the International Space Station and Space Shuttle.

Nonetheless, soon will come the day when the bands are hoppin' with activitiy. Sunspot Cycle 24 may be on the horizon, are you ready to surf the (short)wave?

I believe it was ham guru William Orr, W6SAI who said, "the ionosphere is the great equalizer." Whether you're a "Big Gun" station running the legal limit out of a monobander up several wavelengths in height, or just a small solar powered QRP HF Pack station; you're going to be widely heard when the propagation deities smile upon you. A little bit of know-how and a good bit of persistence will carry your signal a long way when the time is right.

This next year I'm pleased to be part of EBARC's next round of programs and activities, which will hopefully be fun, entertaining, and most of all, help you hone your skills as an amateur radio operator.

Having "awakened" after a long hiatus from ham radio, I am excited about the new possibilities, the new regulations, and the new challenges the amateur radio service faces.

Computers and the Internet have become mainstays, not only in our daily lives, not only in our shacks, but even in our radios! D-Star is one example.

Last night marked the start of the new FCC "Omnibus" band changes. It was interesting to tune down around 3.6 MHz and listen as the CW and RTTY signals gave way to the SSB transmissions. I have mixed feelings about this rule change and would like to hear your thoughts about it.

If you've been keeping up with the ARRL BPL saga, you will have noticed the FCC's apparent position, as Dave Sumner, K1ZZ calls it, "cheerleader" for BPL and their disregard for existing services that would be affected by BPL interference. As hams, we have always been a pool of technically-adept communicators, and I think it is indeed time to make our thoughts known on this matter sooner than later. I urge you to write your elected representatives at all levels and let them know what you think. And if you have a couple of spare dollars, the ARRL needs your donations to defend our slice of the RF spectrum.

I'd like to invite EBARC members to a monthly "Open Shack", time and places to be

announced each month. The idea is to encourage learning through getting on the air with your fellow club members. And by the way, a "shack" can be a rig set up on a picnic table at a park just as much as it can be a "KB" contest station at some awesome QTH. So get your shacks put together, and let's get RADIO ACTIVE!

Finally, and most importantly: special thanks to Randy Jenkins for his service as President of EBARC. He leaves very large shoes to fill; and thankfully he will be continuing to serve and mentor from other roles in the club. Thanks to Randy and the outgoing Board for their service and dedication to making the East Bay Amateur Radio Club a success and to you members for all that you do! Happy Holidays and Happy New Year!!!

72, 73, 88 Jack Burris, K6JEB
www.k6jeb.com

p.s. I challenge you each to bring at least two new members to EBARC this next year.

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## Learn Morse Code!
### Education Chair, John Wood, N6JDW

A 5 WPM Morse Code class will be given at the West County Adult School in Richmond, CA. It is sponsored by three local ham radio clubs; EBARC, ORCA and ARCA. It will start on January 24, 2007 and run for 12 weeks. Classes are 2 hours long and begin promptly at 7 p.m. The course is free, but registration is required. If the FCC still requires the 5 WPM Morse Code for General and Extra class hams, the code exam will be given by ARRL Volunteer Examiners during the final class meeting (test is $14). For more information: call John Wood, 510-741-7050, evenings.

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Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

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## January Program
### Ron Smith, KE6RS

Our speaker for January 12 will be Michael McMillan, K6MCM. Michael will speak to us about the local AREA/RACES groups and tell us what is happening currently in emergency communications.

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2007 EBARC Membership Renewal

Name

Call Sign — N T T+ G A E License Class (circle)

Street

City, State, Zip

Phone (include area code)

e-mail address

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family

Dues: Regular $25, Family $30, K-12 $10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name, call, and class

Please use the lines above to tell us your ham interests, and any non-ham skills or hobbies

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**Visit the EBARC web site!**
**www.eastbayarc.org**

## General Meeting Minutes
### December 8, 2006
### "Burgie" Jones, KE6MSF, Secretary

The meeting was called to order by President Randy KA6BQF @ 7:30 p.m.

The previous 2 months' minutes were accepted as printed in *The Blown Fuse*.

Trustee/Sysop: Ralph, W6EFD: The bulletin board will be disconnected soon. It will, however, stay available if we need to reconnect at a moment's notice.

Club Station Manager: Stanton, KD6SWU: Nothing to report except that the ramp still has a hole in it. Please be careful when approaching the upper ramp.

First VP/Program Chair: Ron, KE6RS: The program for January 2007 is ready.

Second VP: Cheryl, KF6HEN: Thanks everyone for their help at the meeting. We will miss you Cheryl. Thank you for everything.

Third VP/Membership/Editor: Sharon, AA6XZ: Nothing to report.

Education Chair: John, N6JDW: We have 2 new members from the last education class that was held. We will be having a Morse Code class in January.

Treasurer: Gordy, NU6W: Income: $340.35 Disbursements: $85.71. Checking $3,653.99: Savings: $2,835.48.

President: Randy, KA6BQF: Randy presented Bob Bowling, K6ZLG, and Stanton Gleason, KD6SWU, certificates for their outstanding commitment to public service. Nice job guys!

The band plan will change as of 12:01 EST on 12/15/06 as we talked about in the previous *Blown Fuse*.

The elected officers for 2007 were introduced to the members at the meeting. They are:
President: Jack Burris, K6JEB
First VP/Program Chair: Ron Smith, KE6RS
Second VP: Randy Jenkins, KA6BQF
Third VP: Sharon Primbsch, AA6XZ
Treasurer: Gordon Parsons, NU6W
Secretary: "Burgie" Jones, KE6MSF

Beginning next month we will be passing a "kitty" around at every meeting for those who would like to donate to the maintenance of the club station.

We will be having a crab feed, probably on Saturday, February 17, 2007 at the Salvation Army.

A motion was made, seconded, and passed that EBARC donate $400 to the Salvation Army as thanks for our use of their facilities.

Meeting adjourned @ 7:58 p.m.

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## EBARC Sponsored CRAB FEED

Saturday, February 17, 2007
Doors open @ 4:30 p.m.
Serving begins @ 5:00 p.m. - 8:00 p.m.
The Salvation Army
4600 Appian Way
El Sobrante, CA

Tickets are on sale now for $30.00 per person. If you would like to purchase tickets, please call "Burgie", KE6MSF, 964-1476, or any board member. We will be happy to help you.

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## Closure of EBARC BBS
### Ralph Hall, W6EFD, Packet SysOp

By the time you read this, the W6CUS packet station will be inactive. It can be reconnected in a local mode if necessary, in the future.

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## EBARC Roster Update

- **NEW MEMBER:** Paul Miao, KI6GWK, is a newly-licensed Technician. He lives at 1415 Monterey St., Richmond, 94804. His phone is 510-233-2026. His email is paul-nietsu-miao@sbcglobal.net
- **NEW MEMBER:** Felicity Conrad, KI6GWL, is also a newly-licensed Technician. She lives at 291 Purdue Ave., Kensington, 94708. Her phone is 510-526-4727. Her email is freading@sbcglobal.net

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## ARRL East Bay Section Report
### Ti Michelle Connelly, NJ6T

Seasons greetings!

I would like to thank all of you who have volunteered so many hours of community service as amateur radio operators. Also thanks to my staff: Assistant Section Managers Jim Latham, KE6QJV; Bob Hewitt, K6HEW; Steven D Wilson, KA6S. Public Information Coordinator: Jack E Burris Jr, K6JEB; Section Emergency Coordinator: David E Harnish, AD6ME; Section Traffic Manager, Joe Lee, W6DOB; Technical Coordinator, Kristen A McIntyre, K6WX Their insight and expertise make my job a whole lot easier.

Lastly, thanks to all the officers and members of the Affiliated Clubs and the programs they provide. Plans are underway for an East Bay Section Ham Radio Expo. The plans call for a 1 day event in late May early June On the drawing board are test equipment mentoring, antenna shootouts, examples of different antennas types etc. Of course, no expo would be complete without a BBQ

Also coming up at a club near you - a petition asking our governor to declare the week of June 17-23, 2007 Amateur Radio Week. When it is passed around, please take a moment to sign it. This petition will be circulated in both the Pacific and Southwest division clubs in California..

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## FCC Releases *Report and Order* in "Morse Code" Proceeding

*[ARRL]* NEWINGTON, CT, Dec 19, 2006 -- The FCC has issued the complete *Report and Order* (*R&O*) in the "Morse code" proceeding, WT Docket 05-235. The *R&O* follows fast on the heels of the Commission's December 15 public notice announcing the elimination of the Morse code exam requirement for all Amateur Radio license classes. The *R&O* also addresses the ARRL's request to eliminate the disparity between "Tech Plus" licensees (Technicians with Element 1 Morse credit) and Technician licensees -- present and future -- who have not passed a Morse code test.

"In summary, we believe that the public interest will be served by revising the Amateur Service rules to eliminate the telegraphy testing requirement," the FCC concluded in the *R&O*, released today. "We also believe that these rule changes will allow Amateur Service licensees to better fulfill the purpose of the Amateur Service and will enhance the usefulness of the Amateur Service to the public and licensees."

The FCC took the opportunity in the *R&O* to act on the League's *Petition for Partial Reconsideration* in the "omnibus" proceeding, WT Docket 04-140, to retain the 3620-3635 kHz segment for automatically controlled digital stations. "We conclude that the expansion of the 75 meter band should not be so limited," the FCC said. "We agree with the ARRL, however, that the

Commission did not intend to reduce the amount of spectrum available for automatically controlled digital stations."

To rectify the "unintended consequence" of the rules adopted in the omnibus proceeding, the Commission amended §97.221(b) to authorize 3585 to 3600 kHz for automatically controlled digital stations.

Finally, the Commission said it would conform the Amateur Service rules to reflect that the European Conference of Postal and Telecommunications Administrations (CEPT) has reduced from two to one the number of Amateur Radio license classes.

The Commission is amending §97.301 "to authorize Amateur Extra class privileges to all individuals who have been issued a CEPT radio-amateur license by their country of citizenship, and who satisfy other requirements in the Commission's rules."

**No Effective Date Yet**

Today's *R&O* spells out the specific Part 97 changes going into place once the new rules go on the books and indicates that the effective date will be 30 days after the document appears in the *Federal Register*. Publication likely will occur in January, with the new rules going into effect in February.

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## Join The ARRL If You Aren't Already a Member

### Sharon Primbsch, AA6XZ, Membership Chair

As you can see from Ti-Michelle's article and the news release about the Morse code requirement, the ARRL does an amazing amount of work for hams. Our club is ARRL-affiliated, and we'd like to have all EBARC members also be ARRL members. If you need information or an ARRL application, go to *www.arrl.org*. If you have never been a member, or if you have lapsed for two or more years, contact me for a special application that will allow EBARC to retain $15 of your dues.

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The FCC has the authority to make use of unpaid volunteer licensed Amateur Radio operators to monitor for violations of FCC regulations. To volunteer for this important function, contact the ARRL and fill out an application to become an Official Observer (OO). If you meet all of the requirements for the appointment and pass the examination to be a certified member of the Amateur Auxiliary, you'll be able to contact our ARRL Section Manager (Ti-Michelle Connelly) and apply for formal recognition.

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## Future Bay Area Events

- EBARC Crab Feed on Saturday, February 17, 2007 @ 6:00 p.m. at the Salvation Army. Tickets are on sale now for $30.00 per person. If you would like to purchase tickets, call Burgie KE6MSF, at 964-1476
- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The four sessions for 2007 will be Sundays Jan. 28th, Apr. 22nd, Jul. 22nd, and Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2007 fee (and retest fee) remains at $14. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

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The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $25 for individual membership, $30 for a family membership, and $10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.eastbayarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

## 2007 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Jack Burris K6JEB, President.....415-305-2547
Ron Smith, KE6RS, 1st VP - Program Chair.....724-5099
Randy Jenkins KA6BQF, 2nd VP – Hospitality Chair.....526-4089
Sharon Primbsch AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor.....741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair.....785-4290
Gayle "Burgie" Jones, KE6MSF, Secretary.....964-1476
Ralph Hall W6EFD, W6CUS Trustee / SysOp.....232-0727
Stanton Gleason KD6SWU, Club Station Manager.....385-4044
John Wood N6JDW, Education Chair.....741-7050
Peter Hoffman W6DEI, Web Site Designer.....525-0694
Field Day Chair(s).....
Member-at-Large.....
Social & Digital Committees Chair.....
Awards Chair & Silent Key Chair.....
Legislative Affairs.....
RFI Committee Chair.....
Historian.....
Publicity Chair.....

*[Note: Assignments of most appointed Board members and committee chairs on this page are blank or "in flux", pending a decision by the newly-elected officers. The list will be updated next month – Editor]*

## AMATEUR RADIO NETS

| NET | DAYS | LOCAL TIME | | FREQ, MHZ |
|---|---|---|---|---|
| West Contra Costa County ARES/RACES Net | Thurs | 1845 | (PL 82.5-) | 145.110 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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**(800) 854-6046**
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Eric, KA6IHT, Mgr.
Magnolia between
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I-880 at 23rd Ave. ramp
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denver@hamradio.com

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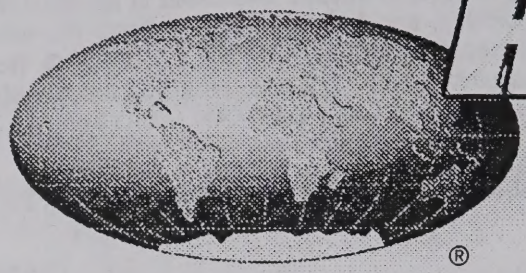

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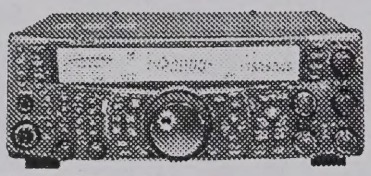

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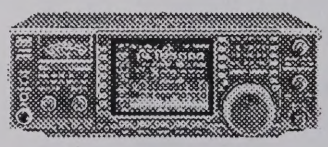

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- CTCSS + DCS built in
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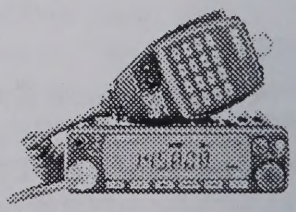

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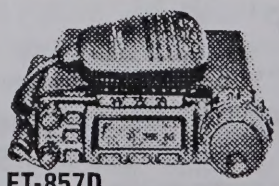

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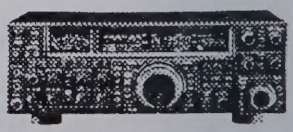

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THE EAST BAY AMATEUR RADIO CLUB, INC.

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# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 2

FEBRUARY 2007

## EBARC Meeting

February 9, 2007
7:30 p.m.

"Recent HF Band Changes
& How to have Fun on HF!"
Ron Smith, KE6RS, et. al.

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 6527 Arlington Blvd., Richmond. For directions call 415-305-2547.

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*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for Mar. issue: Tuesday, Feb. 20th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

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## President's Sidetone
### Jack Burris, K6JEB

By the time you read this, the following will probably be old news to you: "The ARRL has learned that the FCC's Report and Order (R&O) in the "Morse Code Proceeding," WT Docket 05-235, is scheduled to appear in the Federal Register Wednesday, January 24. Assuming that occurs, the new Part 97 rules deleting any Morse code examination requirement for Amateur Radio license applicants would go into effect Friday, February 23, 2007. *[It's official! - Editor]*

No matter where you stand on the issue of the "Morse Code Poceeding", it's going to be bringing a lot of new people on to the HF (high frequency) bands. The most interesting thing I've heard since this ruling was made public is that the sale of CW gear has INCREASED. My own experience has been seeing MORE people every evening down on the CW sections of the bands, and WHAT A BLAST IT HAS BEEN!

Everyone who has chased DX knows that if you really want to maximize your DXCC count, Every QRPer knows that if you want to squeeze the most mileage out of the tiniest amount of power, every contester worth their salt realizes that if you want to make your Little Pistol station competitive with the Big Guns, YOU HAVE TO LEARN TO USE CW. Oh sure, you can avoid CW altogether and still have plenty of fun, but if you want to really dig into the soul of ham radio, vow to learn CW during your life. Trust me, you can do it, and it'll open some of the coolest aspects of the hobby to you.

Meanwhile, we can discuss not only the rules, but getting on HF! Starting on Mondays at 7:30 p.m. local, I'm meeting-up with Ron, KE6RS, and anyone else who cares to join us on 28.475MHz, USB (that's "Upper SideBand" not the computer USB, silly!). We're hoping to make this a weekly event, and a place where you can get comfortable getting on the air. In the not-so-far future, the 10m band will be open to the world, and so you might want to turn on, tune in, and drop in!

We had a terrific turn-out for the January meeting. Would like to see this as a trend. So this next month, bring another friend! Special thanks for all those who showed-up and attended to the much-needed rebuild of the Club Station entry ramp/steps. Special thanks go to Stanton, KD6SWU, who gets the January Yellow Jersey Award for his masterful building skills. Randy, KA6BQF, also for keeping the whole thing between the ditches; Texx, KG6ATH, and Bob, K6ZLG, for the long hours. A hearty thanks to the 'morning crew' and to everyone who stopped by; thanks for taking time to help out!!

I leave you with a ham radio haiku (from http://www.geocities.com/n7dlv/haiku.html):

Tapping out Morse Code,
I am calling to my friends.
I hear a reply.

73! Jack, K6JEB, member, FISTS

## New Board Meeting Location

The EBARC Executive Board meeting location is now at Jack Burris' home, 6527 Arlington Blvd., Richmond. It's a yellow house, kitty-corner from the Arlington Market. There's usually a white and blue Ford camper/van in front. As always, EBARC members are welcome to attend Board meetings. The Board meets the Monday before each general meeting at 7:30 p.m.

---

## It's Official! No CW Required

*[Adapted from ARRL information – Editor]*

Circle Friday, February 23, on your calendar. That's when the current 5 WPM Morse code requirement will officially disappear from the Amateur Radio Service Part 97 rules. After midnight on that date, applicants for a General or Amateur Extra class Amateur Radio license no longer will have to demonstrate proficiency in Morse code. They'll just have to pass the applicable written examination. The appearance in the January 24th *Federal Register* of the FCC's *Report and Order* (R&O) in the "Morse code proceeding," WT Docket 05-235, starts a 30-day countdown for the new rules to become effective. Deletion of the Morse requirement -- still a matter of controversy within the amateur community -- is a landmark in Amateur Radio history.

Beginning February 24th, an applicant holding a valid Certificate of Successful Completion of Examination (CSCE) for a higher license class will be able to redeem it for an instant upgrade. For example, a Technician licensee holding a valid CSCE for Element 3 (General) could apply at an ARRL VEC exam session, pay the $14 application fee and receive an instant upgrade. *[A CSCE is good only for 365 days from the date of issuance. Bring a photo ID plus originals and photocopies of your current license and CSCEs to the session. To find a test session, go to www.arrl.org. If you're close to being able to pass the General exam, you can save $14 by waiting to take it until after Feb. 23rd.]*

The new rules also mean that all Technician licensees, whether or not they've passed a Morse code examination, will automatically gain HF privileges identical to those of current Novice and Tech Plus (or Technician with Element 1 credit) licensees without having to apply for an upgrade. Novices and Technicians with Element 1 credit have CW privileges on 80, 40, 15 meters and CW, RTTY, data and SSB privileges on 10 meters.

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## Morse Code Class Cancelled

### Education Chair, John Wood, N6JDW

The 5 WPM Morse Code class that would have be given at the West County Adult School in Richmond has been cancelled. Even though CW soon will no longer be required to work HF bands, the Board would like to know if there is enough interest in learning CW anyhow. If you'd like to learn, call me at 510-741-7050, evenings.

---

Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

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## February Program

### Ron Smith, KE6RS

The program for the February 9th EBARC meeting will be a discussion of the recent HF band changes that went into effect in December, and also a discussion of how much fun Technicians can have on HF with the privileges they will be getting soon.

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**Visit the EBARC web site!**
**www.eastbayarc.org**

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## Treasurer's Report
### December, 2006
### Gordon Parsons, NU6W, Treasurer

DECEMBER INCOME

| | |
|---|---|
| Regular Renewals; N6SPY, K6MCM, K6ZLG, KE6RS | $100.00 |
| Family Renewals; K6JEB/KI6FYW, N6JDW/KF6OGC, KI6EMD/KI6ENT | 90.00 |
| Coffee Kitty | 8.00 |
| Total Dec. Income | $198.00 |

DECEMBER DISBURSEMENTS

| | |
|---|---|
| Blown Fuse Printing | $33.51 |
| Blown Fuse Postage | 15.99 |
| AT&T (W6CUS phone) | 16.65 |
| Salvation Army Gift | 400.00 |
| Mars-Seabury-Smith (equipt. ins.) | 231.00 |
| Total Dec. Disbursements | $697.15 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $3,394.49 |
| Savings (Station Fund*) | $2,835.48 |

*$560 earmarked for W6CUS Roofing Fund.

We are collecting annual membership dues for 2007. Regular, individual membership is $25. Family membership is $30. Please pay as soon as possible, if you haven't already. Please write your call sign on your check. Mail it to the EBARC P.O. box (address on the Blown Fuse front page) or give it directly to me at a meeting.

---

## General Meeting Minutes
### January 12, 2007
### "Burgie" Jones, KE6MSF, Secretary

The meeting was called to order by Jack, K6JEB @ 7:30 p.m.

We had about 10 people renew their memberships tonight.

A special welcome to Peter Millar, KQ6ZL, Marion Millar, K6MZ, and Vivian. They are back in the area to live for a while. Welcome Home!!

Our program tonight was "East Bay RACES & ARES Organizations", given by Mike McMillan, K6MCM. It was a very interesting meeting.

The Crab Feed is coming along. If anyone is interested in attending the Crab Feed, you can email Burgie at burgie0001@yahoo.com or call me. I'll be happy to deliver the tickets to you.

The meeting was adjourned @ 9:10 p.m.

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## The @&# "PAST DUE" Stamp!

If you have "PAST DUE" stamped on the front of your *Blown Fuse*, our records show that you have not yet renewed for 2007. If you haven't renewed by mid-February, you won't receive the next issue of the *Blown Fuse*, and you won't be in the 2007 roster! We'll examine the mail in the EBARC post office box before we cut you off! If you're sure you renewed before a month ago, contact Gordy Parsons, NU6W, at 785-4290!

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## EBARC Sponsored CRAB FEED

Saturday, February 17, 2007
Doors open @ 4:30 p.m.
Serving begins @ 5:00 p.m. - 8:00 p.m.
The Salvation Army
4600 Appian Way
El Sobrante, CA

Tickets are on sale now for $30.00 per person. If you would like to purchase tickets, please call "Burgie", KE6MSF, 964-1476, before 2/12. No tickets will be sold at the door! Additional parking is available in the Boy's Club lot.

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The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $25 for individual membership, $30 for a family membership, and $10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.eastbayarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

## 2007 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Jack Burris K6JEB, President.....415-305-2547
Ron Smith, KE6RS, 1st VP - Program Chair.....724-5099
Randy Jenkins KA6BQF, 2nd VP – Hospitality Chair.....526-4089
Sharon Primbsch AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor.....741-8227
Gordon Parsons NU6W, Treasurer / Finance Committee Chair.....785-4290
Gayle "Burgie" Jones, KE6MSF, Secretary.....964-1476
Ralph Hall W6EFD, W6CUS Trustee / SysOp.....232-0727
Stanton Gleason KD6SWU, Club Station Manager.....385-4044
John Wood N6JDW, Education Chair.....741-7050
Peter Hoffman W6DEI, Web Site Designer.....525-0694
Bob Bowling, K6ZLG, Member-at-Large.....233-5749
Social & Digital Committees Chair.....
Awards Chair & Silent Key Chair.....
Legislative Affairs.....
RFI Committee Chair.....
Historian.....
Publicity Chair.....

*[Note: Assignments of some appointed Board members and committee chairs on this page are blank or still "in flux", still pending a decision by the newly-elected president. The list will be updated next month (hopefully) – Editor]*

## AMATEUR RADIO NETS

| NET | DAYS | LOCAL TIME | | FREQ, MHZ |
|---|---|---|---|---|
| West Contra Costa County ARES/RACES Net | Thurs | 1845 | (PL 82.5-) | 145.110 |
| EBARC HF Net | Mon | 1930 | (USB) | 28.475 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

**ANAHEIM, CA**
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
**(800) 854-6046**
Janet, KL7MF, Mgr.
anaheim@hamradio.com

**BURBANK, CA**
1525 W. Magnolia Blvd, 91506
(818) 842-1786
**(800) 854-6046**
Eric, KA6IHT, Mgr.
Magnolia between
S. Victory & Buena Vista
burbank@hamradio.com

**OAKLAND, CA**
2210 Livingston St., 94606
(510) 534-5757
**(800) 854-6046**
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

**SAN DIEGO, CA**
5375 Kearny Villa Rd., 92123
(858) 560-4900
**(800) 854-6046**
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

**SUNNYVALE, CA**
510 Lawrence Exp. #102, 94085
(408) 736-9496
**(800) 854-6046**
Howard, W6HOC, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

**NEW CASTLE, DE**
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
**(800) 644-4476**
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

**PORTLAND, OR**
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
**(800) 854-6046**
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

**DENVER, CO**
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
**(800) 444-9476**
John, N5EHP, Mgr.
denver@hamradio.com

**PHOENIX, AZ**
1939 W. Dunlap Ave., 85021
(602) 242-3515
**(800) 444-9476**
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

**ATLANTA, GA**
6071 Buford Hwy., 30340
(770) 263-0700
**(800) 444-7927**
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

**WOODBRIDGE, VA**
(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
**(800) 444-4799**
Steve, W4SHG, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

**SALEM, NH**
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
**(800) 444-0047**
Chuck, N1UC, Mgr.
sales@hamradio.com
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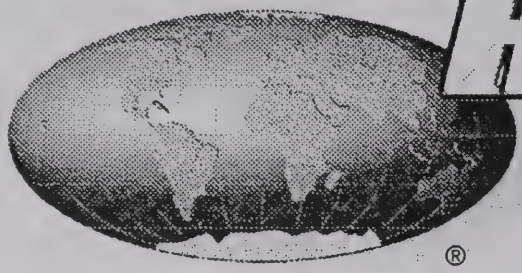
28 mi. No. of Boston
salem@hamradio.com

# 12 STORE BUYING POWER



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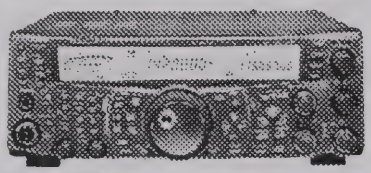

### TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

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### TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

**Low Pricing!**

### TM-D700A 2M//440 Dualband

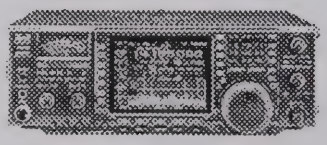
- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built In 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

## ICOM

### IC-706MkIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menues

**Low Pricing!**

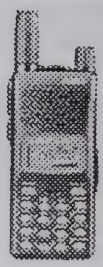


### IC-756 PRO III All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

**The Ultimate Radio!**

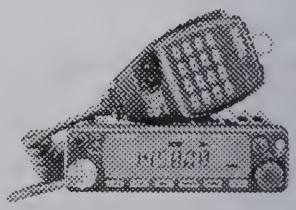
## ALINCO



### DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

**Low Pricing!**



### DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

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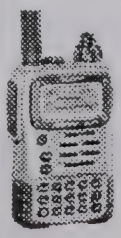
## YAESU

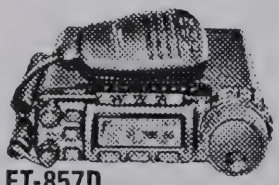


### VX-7R

50/2M/220/440 HT

- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

**Great Price!**

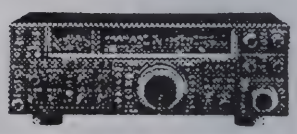


### FT-857D

Ultra compact HF, VHF, UHF

- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel (YSK-857 required)

**Call for Low Price!**



### FT-2000 HF + 6M tcvr

- 100 W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 3 Band Parametric Mic EQ
- 3 IF roofing filters

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 3

MARCH 2007

## EBARC Meeting

March 9, 2007
7:30 p.m.

Kristen McIntyre, K6WX
"Propagation Physics"

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 6527 Arlington Blvd., Richmond. For directions call 415-305-2547.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL

POSTMASTER:
Address Correction Requested

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Editor: Sharon Primbsch, AA6XZ

Deadline for Apr. issue: **Monday**, Mar. 26th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

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## March Program
### Ron Smith, KE6RS

Our program for March 9th will be "Propagation Physics" given by Kristen McIntyre, K6WX.

Abstract: Propagation Physics (given at Pacificon) As amateur radio operators we experience propagation of RF energy first hand. At times this propagation may seem mysterious and strange, however, it can be modeled by our current physical understanding of electromagnetics. This allows us to make some predictions about how propagation will unfold. Our understanding falters when RF energy propagates in environments that are far too complex to contain within the best models we can build. This is when the mystery returns. This talk will explore our physical understanding of propagation, what factors govern it, and how it interacts with the environment and ionosphere. Amateur radio operators can, using this understanding, make better choices for more efficient RF propagation.

Bio: Kristen McIntyre, K6WX, has been interested in radio since she was about 5 years old. She started in Amateur Radio in 1979 getting her ticket while at MIT. Kristen has worked in many diverse areas from analog circuit design to image processing to starting and running an ISP. She is currently working as a principal investigator at Sun Microsystems Laboratories where she is researching robustness and emergent properties of large distributed computer systems. She is a long time denizen of Silicon Valley and has worked at or consulted for many of the usual suspects. Kristen is an active ham and loves to chase DX on HF with her Elecraft K2 which she built while visiting her mother in Florida. She is an ARRL Technical Coordinator for the East Bay Section and is active in many local clubs.

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## Treasurer's Report
### January, 2007
### Gordon Parsons, NU6W, Treasurer

JANUARY INCOME

| | |
|---|---|
| Regular Renewals; W6QNT, WI7YN, AA6YE, KG6VMA, KE6ZFP, WS6V, WI6O, K6LPH, KF6RHG, KG6WPN, KF6WHN, KG6ATH | $300.00 |
| Family Membership; KQ6ZL/K6MZ, KI6CEZ/ | 60.00 |
| Crab Feed Receipts (as of 1/12/07) | 630.00 |
| Coffee Kitty | 25.60 |
| Total Jan. Income | $1,015.60 |

JANUARY DISBURSEMENTS

| | |
|---|---|
| Blown Fuse Printing | $24.55 |
| Blown Fuse Postage | 17.94 |
| AT&T (W6CUS phone) | 19.99 |
| Crab Feed Deposit (F. Nieman) | 1,000.00 |
| Mars Affinity Group (liab. ins.) | 325.00 |
| Total Jan. Disbursements | $1,387.48 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $3,017.06 |
| Savings (Station Fund*) | $2,841.09 |

*$560 earmarked for W6CUS Roofing Fund.

If you haven't paid your 2007 membership dues as yet, you are overdue! Please pay up

as soon as possible so that we can move forward in club planning. Dues are $25 for regular individual membership and $30 for a family membership.

---

## General Meeting Minutes
### February 9, 2007
### "Burgie" Jones, KE6MSF, Secretary

The meeting was called to order by Vice President, Ron Smith.

The minutes were approved for January 2007 as printed in *The Blown Fuse*.

Reports:
Education Chair, given by Randy Jenkins, A technician class will begin April 16, 2007. There will be a special VE session February 25, 2007 for CSCE paperwork and testing.

2nd VP; Randy Jenkins: Goodies are provided and please remember to feed the kitty.

Club Station: Repairs of the ramp and hand rail were begun. There will be a work party Feb. 17. If it is raining, the work party will be postponed until Feb. 24, or depending on how many people will be off work on Feb. 19, we may begin work then. If you are interested in helping, please contact Randy or Stanton.

Treasurer's Report: Ck: $3,017.06, SV: $2,841.09.

Field Day Chair, Peter: If anyone is interested in one-on-one training with sideband or PSK, etc. please contact Peter. Also, if anyone would like to volunteer for a specific position during Field Day, please let Peter know.

There will be a ham fest in Alameda May 19. Please try to come out and visit the ham fest. This is the first ham fest for the East Bay Section and we are excited about it.

Randy Jenkins presented a presentation, *HF Band Changes and How To Have Fun*. It was very interesting.

---

## Silent Key; Jim Byers, KC6JXB

Longtime EBARC member Jim Byers, KC6JXB, passed away Jan. 22nd. He had been on the UC Berkeley tennis team, and swam in Billy Rose's Aquacade at the World's Fair in 1936. He served in the US Army Signal Corps in Africa and Italy. His career included life insurance and real estate. He restored the Hotel Mac building in Point Richmond to its 1910 glory. A favorite place was Tomales.

---

## Silent Key; Bob Rozzano, K6JHV

Mike Fahmie, WA6ZTY, reports that Bob Rozzano, K6JHV, passed away Jan. 23rd. Bob was an EBARC past president, vice-president, secretary/treasurer (and probably more) in the early 60's when the club met in a classroom in El Cerrito High School. He attended a meeting with me a few months back.

Bob had an Extra Class license and a 1st Class Radio Telephone license and was a charter member of the 75 meter Golden Bear Net. He retired from LBL about 19 years ago, he worked as an Engineering Technician on computer control systems for the Bevatron and many other smaller systems. After retirement, he moved to the Groveland and Sonora area.

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## Technician Class in April
### Education Chair, John Wood, N6JDW

A Technician class will be given at Richmond's West County Adult School starting April 16th.

---

Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

## The 29th Annual Napa Valley Marathon - March 4th, 2007

The Napa Valley Marathon boasts one of the most beautiful courses in the world. The course runs the length of the Napa Valley. It begins in Calistoga, famous for its geysers and spas, then winds south along the historic Silverado Trail to finish at Vintage High School in Napa. Dedicated to fostering and promoting quality road racing, the Napa Valley Marathon is known as "the biggest little marathon in the West". Napa was named the *Best Rural Marathon* in America.

There is a limited field this year of 2200 runners. Radio Amateur Operators provide communications for the event. We need to fill 19 volunteer positions including tracking lead and last runners with APRS, liaison, aid stations, and net control. The Marathon runs from approximately 7:00 a.m. to 12:30 p.m. Position start times vary. Contact Don Wing, KG6IZS, to volunteer either on the 441.80 repeater or via email, `kg6izs@aol.com`. If sending an email please provide T shirt size desired and whether you have a position or time frame preference. Your support is greatly appreciated by the Napa Valley Marathon. - The Silverado ARA.

---

## Visalia International DX Convention 2007

The 2007 International DX Convention will take place April 27, 28 & 29, 2007 at the Holiday Inn Hotel & Conference Center in Visalia, California. This is an ARRL sanctioned convention that is sponsored this year by the Northern California DX Club. It is expected to draw visitors from around the World and will feature programs from recent DX-Peditions and contest operations.

The Convention theme this year is, "Elmering New DXers is Job Number One!" Accordingly, a portion of the programming will be devoted to helping new DXers learn about how to be noticed in a pile-up, snag a "new one" and get that elusive QSL card.

Other Convention offerings will include: DX, Top Band and Contest Forums, technical talks, many door prizes, both Friday and Saturday evening "attitude adjustments", Saturday Barbecue Lunch, Saturday night banquet, Sunday morning "power" breakfast, Vendors Exhibits and QSL card checking.

Current information and registration forms are available on the Convention web page, which can be found at www.dxconvention.org. Additional registration information can be obtained by contacting Convention Registration Chairman Dick Letrich, W6KM, via Email at dlw6km@aol.com.

---

## Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- South Bay Electronics Flea Market, 2nd Saturday of each month, March through October, De Anza College, Cupertino. Details at www.asvaro.org. Talk-in on 145.27 MHz (-, 100 Hz PL).
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2007 will be Sundays Feb. 25th, Apr. 22nd, Jul. 22nd, and Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2007 fee (and retest fee) remains at $14. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $25 for individual membership, $30 for a family membership, and $10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.eastbayarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

## 2007 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Jack Burris, K6JEB, President.....415-305-2547
Ron Smith, KE6RS, 1st VP - Program Chair.....724-5099
Randy Jenkins, KA6BQF, 2nd VP – Hospitality Chair.....526-4089
Sharon Primbsch, AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor.....741-8227
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Gayle "Burgie" Jones, KE6MSF, Secretary.....964-1476
Ralph Hall, W6EFD, W6CUS Trustee / SysOp.....232-0727
Stanton Gleason, KD6SWU, Club Station Manager, Member-at-Large..385-4044
John Wood, N6JDW, Education Chair, Member-at-Large.....741-7050
Peter Hoffman, W6DEI, Web Site Designer, Member-at-Large.....525-0694
Bob Bowling, K6ZLG, Member-at-Large.....233-5749
Social & Digital Committees Chair.....
Awards Chair & Silent Key Chair.....
Legislative Affairs.....
RFI Committee Chair.....
Historian.....
Publicity Chair.....

*[Note: Assignments of some appointed Board members and committee chairs on this page are blank or still "in flux", still pending a decision by the newly-elected president. The list will be updated next month (hopefully) – Editor]*

## AMATEUR RADIO NETS

| NET | DAYS | LOCAL TIME | | FREQ, MHZ |
|---|---|---|---|---|
| West Contra Costa County ARES/RACES Net | Thurs | 1845 | (PL 82.5-) | 145.110 |
| EBARC HF Net | Mon | 1930 | (USB) | 28.475 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

**ANAHEIM, CA**
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
**(800) 854-6046**
Janet, KL7MF, Mgr.
anaheim@hamradio.com

**BURBANK, CA**
1525 W. Magnolia Blvd, 91506
(818) 842-1786
**(800) 854-6046**
Eric, KA6IHT, Mgr.
Magnolia between
S. Victory & Buena Vista
burbank@hamradio.com

**OAKLAND, CA**
2210 Livingston St., 94606
(510) 534-5757
**(800) 854-6046**
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

**SAN DIEGO, CA**
5375 Kearny Villa Rd., 92123
(858) 560-4900
**(800) 854-6046**
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

**SUNNYVALE, CA**
510 Lawrence Exp. #102, 94085
(408) 736-9496
**(800) 854-6046**
Howard, W6HOC, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

**NEW CASTLE, DE**
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
**(800) 644-4476**
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

**PORTLAND, OR**
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
**(800) 854-6046**
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

**DENVER, CO**
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
**(800) 444-9476**
John, N5EHP, Mgr.
denver@hamradio.com

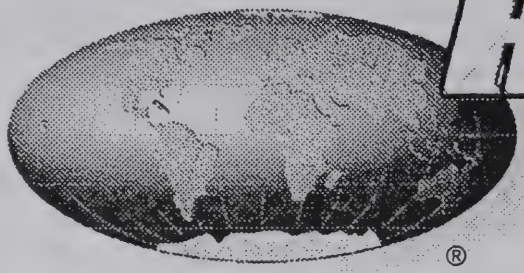
**PHOENIX, AZ**
1939 W. Dunlap Ave., 85021
(602) 242-3515
**(800) 444-9476**
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

**ATLANTA, GA**
6071 Buford Hwy., 30340
(770) 263-0700
**(800) 444-7927**
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

**WOODBRIDGE, VA**
(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
**(800) 444-4799**
Steve, W4SHG, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

**SALEM, NH**
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
**(800) 444-0047**
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston
salem@hamradio.com

# 12 STORE BUYING POWER



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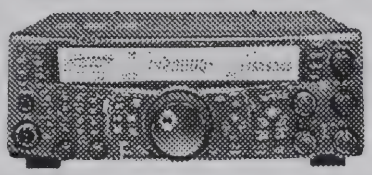
WORLDWIDE DISTRIBUTION

## KENWOOD



### TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

**Low Intro Price!**

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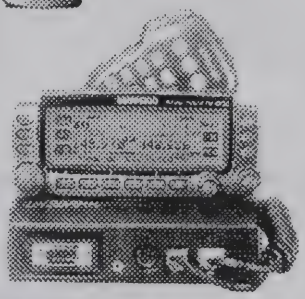
I-880 at 23rd Ave. ramp
oakland@hamradio.com

### TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

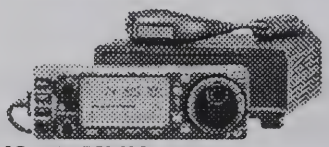
**Low Pricing!**



### TM-D700A 2M//440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

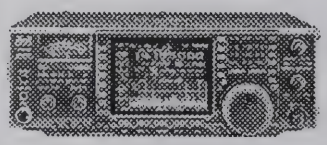
## ICOM



### IC-706MkIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menues

**Low Pricing!**



### IC-756 PRO III All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

**The Ultimate Radio!**

## ALINCO

### DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

**Low Pricing!**

### DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

**Low Pricing!**

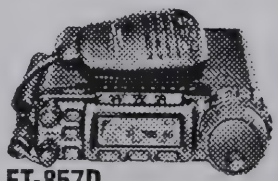
## YAESU

### VX-7R

50/2M/220/440 HT

- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

**Great Price!**



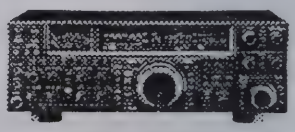
### FT-857D

Ultra compact HF, VHF, UHF

- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel

(YSK-857 required)

**Call for Low Price!**



### FT-2000 HF + 6M tcvr

- 100 W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 3 Band Parametric Mic EQ
- 3 IF roofing filters

**Call Now For Low Pricing!**

THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 4 APRIL 2007

## EBARC Meeting

April 13, 2007
7:30 p.m.

"Propagation Prediction Software"
Jack Burns, K6JEB
Ron Smith, KE6RS

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 6527 Arlington Blvd., Richmond. For directions call 415-305-2547.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL

POSTMASTER:
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*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for May issue: Tuesday, Apr. 24th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

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## President's Sidetone
### Jack Burris, K6JEB

I grew up in the heart of the Minnesota prairie. As kids, we were always playing in the woods and the fields. More than once I can remember finding arrowheads, old rusty belt buckles, and shards of pottery from who knows when. The fact that someone had trod these same trails and woods fascinated me, and I developed an early interest in what history, and sense of place, really means.

And so it is with the East Bay Amateur Radio Club, founded over 50 years ago: How many others have been members in this organization? What became of them? What did they discover? What did they do for a laugh? How did the club station come about? Did we help out during any emergencies? Were any members involved in DXpeditions? Authors? Inventors? Notable Scholars? Recognized Humanitarians? A Great Father or Mother? A devoted community member? Where were we as a club when innovation showed up? How did the club face changes? What kept us together when things weren't going smoothly? We, as a club, have a lot to be proud of from what I've heard so far. I urge you all to fill-in the rest of us "newbies" about EBARC history. What do you remember of it? Got something fun or funny to share? Feel free to send me an email with your anecdotes!

How about helping out with the Grizzly Peak Bike Ride this year? Several local hams have been showing the surrounding community what our hobby is about by putting together a very professional communications team for the Grizzly Peak Bike Ride. It's a day of driving around, checking-in with net control, running tires out to stranded cyclists, and helping provide communications in places where a cell phone just doesn't work. If you're interested, get in touch with Rich, KD6JCT for the details.

Some of you may remember that EBARC used to have a net on 10m. IT LIVES! Here's another plug for the net, and this time we've got a name for it: "Explore Net" meets Mondays at 7:30pm (local) at 28.425MHz. Dust off your HF rig, get that dipole back up, and come join the fun! I'm taking the opportunity to try out portable and mobile antennas so I can check in "pedestrian mobile" or "HFPack" when the weather gets better. Let's explore the unique propagation characteristics of 10m as we go into the next sunspot cycle.

Like the weather, propagation displays vicissitudes as well. In March, Kristen, K6WX, gave an excellent presentation on the basic building blocks of propagation and how these relate to amateur radio. We're hoping we can get Kristen in for Part 2 of her discussion.

This next meeting Ron, KE6RS, and I will be tag-teaming the propagation software presentation. Like building a "sense of place," propagation prediction draws on what we know from past observations and the mechanisms governing them, and extrapolating that data into the present, and even the future. This sounds more scary than it is, and at the meeting we'll show you "How I stopped worrying about the K Index and Started Working DX."

## April Program
### Ron Smith, KE6RS

The April 13th program will be "Propagation Prediction Software" and will be presented by Jack, K6JEB, and Ron, KE6RS. Jack and Ron will show and describe two different software packages that can help determine which bands are open to where and at what time of day.

---

## Treasurer's Report
### February, 2007
### Gordon Parsons, NU6W, Treasurer

FEBRUARY INCOME

| | |
|---|---|
| Regular Renewals; KI6EGZ, KB6WC, WA6QJT, N6AVB, KG6WPQ, AB6VB, NJ6T, WB6VEX | $200.00 |
| Family Membership; KC6OBK/K6KOP, N6MNL/KD6OKJ, KE6SZG/KE6MSF | 90.00 |
| Coffee Kitty | 6.11 |
| Mailbox reimbursement (WB6VEX) | 58.00 |
| Crab Feed Receipts (as of 1/12/07) | 800.00 |
| Total Feb. Income | $1,154.11 |

FEBRUARY DISBURSEMENTS

| | |
|---|---|
| Salvation Army (crab feed room rental) | $50.00 |
| AT&T (W6CUS phone) | 19.99 |
| Total Feb. Disbursements | $69.99 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $4,115.06 |
| Savings (Station Fund*) | $2,827.20 |

*$560 earmarked for W6CUS Roofing Fund.

The reported income receipts for the crab feed as of Jan. 12th was incorrect. Instead, of $630, it should have been $600. The $30 deducted was meant for membership dues.

---

Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

## Treasurer's Report
### March, 2007
### Gordon Parsons, NU6W, Treasurer

MARCH INCOME

| | |
|---|---|
| Regular Renewals; W8JSN, KE6DYR, KD6WNM, W6WTU, N6JGC, | $125.00 |
| Family Membership; W6THD/W6THB, AC5QI/AC5RB | 60.00 |
| Crab Feed Receipts (KE6MSF) | 646.00 |
| Crab Feed Receipts (KF6HEN) | 30.00 |
| Crab Feed Refund (F. Nieman) | 217.00 |
| Donation (KI6EMD) | 20.00 |
| Coffee Kitty | 20.89 |
| Crab Feed loose change | 0.75 |
| Total Mar. Income | $1,119.64 |

MARCH DISBURSEMENTS

| | |
|---|---|
| Blown Fuse Printing (Feb.) | $19.49 |
| Blown Fuse Postage (Feb.) | 16.77 |
| Membership Reminder Postcards | 4.80 |
| Blown Fuse Printing (Mar.) | 29.57 |
| Blown Fuse Postage (Mar.) | 26.52 |
| EBARC P.O. Box Rental (T. Hoffman) | 62.00 |
| AT&T (W6CUS phone, Feb.) | 18.48 |
| AT&T (W6CUS phone, Mar.) | 18.48 |
| Crab Feed Expenses (KE6MSF) | 72.73 |
| Total Mar. Disbursements | $268.84 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $4,981.93 |
| Savings (Station Fund*) | $2,811.49 |

*$560 earmarked for W6CUS Roofing Fund.

Crab Feed Accounting: Total expenses $1,072.73, Total donations $1,693.75, Net income $621.02

---

## Crab Feed Wrap-Up
### Burgie Jones, KE6MSF

I would like to take this opportunity to thank some fellow hams for the outstanding job they performed during the Crab Feed.

A special thank you goes out to: Fred, KC6VLL; Audrey, KF6MVH; Barbara, KD6OKJ; Cheryl, KF6HEN; Randy, KA6BQF; Stanton, KD6SWU; Joe, W6DOB; Texx, KG6ATH; Ron, KE6RS; & Roger, KE6SZG. I really hope I did not miss anyone.

You all did an excellent job helping with the purchasing of the food, the cooking, the serving, greeting the guests at the front door, the raffle prizes and the clean up. I believe we all had a good time and it was a great turn out.

A special thank you to all of you who worked so hard selling crab feed tickets.

We made a profit of $621.02. I thank you all very much from the bottom of my heart for your help. I look forward to next year's Crab Feed.

---

## General Meeting Minutes
### March 9, 2007
### "Burgie" Jones, KE6MSF, Secretary

The meeting was called to order by our President, Jack, K6JEB at 7:30 p.m. The minutes of the February General Meeting were accepted as printed in *The Blown Fuse*.

Ron, KE6RS, has several programs already lined up for our future meetings.

Randy, KA6BQF, reminds us that the FCC eliminated the CW requirement in February. There are several public service events coming up. One of them is the Grizzly Peak Bike Ride on May 6th. If you are interested in helping, please contact Randy or Rich Parker.

Sharon, AA6XZ, says if you have looked at the roster and anything is wrong pertaining to your personal info., please let Sharon know. She will correct the error.

John Wood, N6JDW, Education Chair, reports that we are having a Technician Class starting in April. If you or anyone you know is interested, please contact John. He will give you the specifics. John and associates are considering an Extra Class which will be held in Alameda. If anyone would be interested, please let John know also.

Peter, W6DEI, has reserved our spot at the Berkeley marina for Field Day. Also, please take a look at our web site. Peter has put a lot of time and work into it. He has done an excellent job. There are links to other sites also. The Red Oak Victory site is one of these links. One of these upcoming events is the Museum Ships Amateur Radio Event. If anyone is interested in seeing this event, please see www.qsl.net/redoak.arc/events.

Gordy, NU6W, reports: CK: $4,115.06: SV: $2,827.20. If anyone is interested in the bylaws, Gordy says he has a copy of them.

The ramp at the club station has been replaced. We are putting together a Maintenance Team for the club station. If anyone would be interested in being part of the Maintenance Team, please contact our President Jack, K6JEB.

No new business. The meeting was adjourned at 7:58 p.m.

---

## Technician Class Begins in April
### Education Chair, John Wood, N6JDW

Well, it's spring again, so we are holding another Technician Class radio class. The three clubs, EBARC, Oakland Radio Communications Association (ORCA), and Amateur Radio Club of Alameda (ARCA) are hosting it. It will be held, as usual, at the Alvarado School under the auspices of the West Contra Costa Adult Education department of West Contra Costa Unified School District. (For directions see the map: http://www.wccae.info/alvarado_directions.htm)

The class meets each Wednesday, starting April 18th, from 7:00 to 9:30 p.m. for eight weeks. A VE test session will be held during the final class period. The text will be the new release: The ARRL Ham Radio License Manual, 1st Edition. The text is available from ARRL, HRO, or at the first class period.

The class is free, but registration is required, and can be done during the first class period. The Text costs $25 and the VE test costs $14.

Remember, with this license and the new FCC rules comes voice privileges on 10 Meters.

Call John Wood, N6JDW, at 510-741-7050 evenings for more information.

---

## EBARC Web Site Update
## Peter Hoffman, W6DEI

A PDF version of the EBARC Constitution and Bylaws has been posted on the EBARC web site, *www.eastbayarc.org*. There's a link to them on the home page (about half-way down the page at the end of paragraph describing the club activities).

---

## Grizzly Peak Century
## Randy Jenkins, KA6BQF

The Grizzly Peak Century, our one major event of the year is coming up on Sunday, May 6. Rich Parker, KD6JCT, is recruiting volunteers for this year's event. We need operators to man the various aid stations, and sag drivers to patrol the route. Shifts are available throughout the day. If you've done this before, you know how much fun it can be. If you haven't done so, you might want to give it a try. Contact Rich at kd6jct@yahoo.com or 510-237-2777. Come on out and volunteer.

---

## Silent Key, Ed Arnold, K6AGD

Edward Arnold, K6AGD, was born June 24, 1924. He became a silent key Feb 16, 2007 in Butte Falls, Oregon. He served in the Army in Hawaii during WWII as a Tech 4th grade.

Ed was president of EBARC in the mid-1980s. He retired from Lawrence Berkeley Laboratory. He was an avid high speed CW traffic handler on the Northern Calif. Net /1, Region Six/ net, Oregon ARES traffic net, the Beaver State Net, and the Region Seven Oregon CW traffic net.

---

## Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- South Bay Electronics Flea Market, 2nd Saturday of each month, March through October, De Anza College, Cupertino. Details at www.asvaro.org. Talk-in on 145.27 MHz (-, 100 Hz PL).
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2007 will be Sundays Apr. 22nd, Jul. 22nd, and Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2007 fee (and retest fee) remains at $14. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

---

*[The list of officers and nets is being omitted from the printed* Blown Fuse *this month to save money. It will return next month. – Editor]*

---

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**(800) 854-6046**
Janet, KL7MF, Mgr.
anaheim@hamradio.com

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**(800) 854-6046**
Eric, KA6IHT, Mgr.
Magnolia between
S. Victory & Buena Vista
burbank@hamradio.com

**OAKLAND, CA**
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**(800) 854-6046**
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

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(858) 560-4900
**(800) 854-6046**
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

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**(800) 854-6046**
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So. from Hwy. 101
sunnyvale@hamradio.com

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**(800) 644-4476**
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RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

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97223
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**(800) 854-6046**
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Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

**DENVER, CO**
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**(800) 444-9476**
John, N5EHP, Mgr.
denver@hamradio.com

**PHOENIX, AZ**
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(602) 242-3515
**(800) 444-9476**
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

**ATLANTA, GA**
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**(800) 444-7927**
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Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

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**(800) 444-4799**
Steve, W4SHG, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

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sales@hamradio.com
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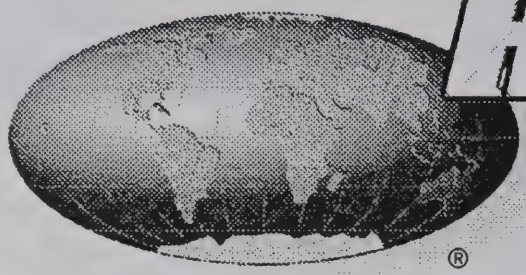

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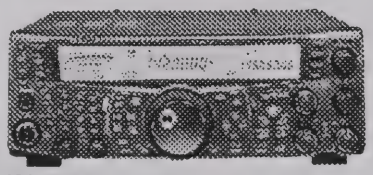

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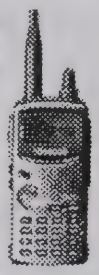

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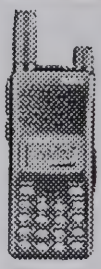

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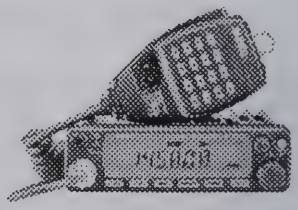

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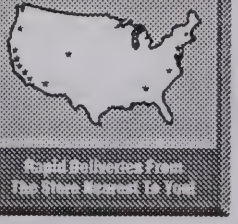

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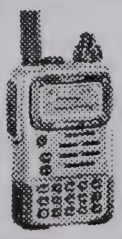

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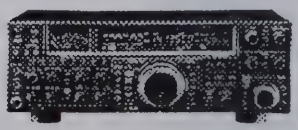

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THE EAST BAY AMATEUR RADIO CLUB, INC.

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 5 MAY 2007

## EBARC Meeting

May 11, 2007
7:30 p.m.

"History of KPH and Being
a Commercial Operator"
Denice Stoops, KI6BBR

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 6527 Arlington Blvd., Richmond. For directions call 415-305-2547.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
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*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for June issue: Tuesday, May. 22nd

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

---

## President's Sidetone
### Jack Burris, K6JEB

My Grandfather, probably one of the best walleye fishermen in Minnesota, once told me, "Prohibition was bad, but no alcohol would have been worse."

How does that have anything to do with ham radio? Well, can you believe we're at the very bottom of the sunspot cycle? Conditions are supposed to be 'dead' on the bands, but even with a modest station I've found openings to many parts of the world, usually on just a wire or mobile antenna and five to a hundred watts output.

Case in point:

A couple weekends ago, Kyle, KI6FYW, and I were camping with our dogs at gorgeous Wrights Beach, near Jenner. I took my rig along and had a mag-mounted mobile whip antenna on the roof of the camper. While tuning across the CW segment of the Forty Meter band, I came across a rather strong signal calling CQ. When he signed, it was our own Dr. Alan, signing KH8/K6SRZ somewhere out in the Pacific on his way to Swain's Island. It took a couple calls but I worked him, just before the pile-up began!

Oh sure, we have a bit of an advantage when working Pacific stations here on the West Coast, but snagging a new DXCC country is still a blast. I often compare it to fishing, only there's no mess to clean up afterwards, and there's no daily limit on how much DX you can work, when conditions are good.

Again, this last weekend, while camping at nearby Samuel P. Taylor State Park near Fairfax, I managed to work another new one: JW/F8DVD. He was located on Spitsbergen Island in the Svalbard Archipelago, between Greenland and Iceland north of the Arctic Circle. Same rig, only this time the antenna was the mobile whip clamped to a BBQ grill.

My point is: propagation may be bad, but no DX would be worse.

You really don't need all that much time or equipment to have fun in this awesome hobby of ours. I challenge you to find ways to share the thrill of getting on the air with others, both hams and non-hams alike. And be sure to let them know about the many opportunities to become a ham, or to upgrade their license, or to get back on the air.

For the May EBARC meeting, we're fortunate to have Denice Stoops, KI6BBR, who will share her experiences in maritime/commercial radio and KPH. Come join the party!!!

73 de K6JEB
Jack

PS - Six Meters is starting to open up. Sporadic-E season is on the way!

---

Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

---

## May Program
### Ron Smith, KE6RS

The May 11th EBARC program will be presented by Denice Stoops, KI6BBR. It will be a discussion of the history of KPH and Denice's commercial operator adventures.

Denice suggests that members of EBARC may want to have a look at the Maritime Radio Historical Society's web page at http://www.radiomarine.org/ and bring any questions they may have to the meeting for Denice to answer.

---

## Treasurer's Report
### April, 2007
### Gordon Parsons, NU6W, Treasurer

APRIL INCOME

| | |
|---|---|
| Advertising fee (HRO) | $180.00 |
| Coffee Kitty | 13.25 |
| Total Apr. Income | $193.25 |

APRIL DISBURSEMENTS

| | |
|---|---|
| Blown Fuse Printing | $17.54 |
| Blown Fuse Postage | 15.21 |
| AT&T (W6CUS phone) | 18.52 |
| Total Apr. Disbursements | $51.27 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $4,949.20 |
| Savings (Station Fund*) | $2,986.22 |

*$560 earmarked for W6CUS Roofing Fund.

While EBARC Inc. does not pay any taxes, the club has to file a financial report with the IRS nevertheless. An extension has been filed with the IRS through the club's tax preparer, Al Streit, KD6HF. The annual report is due in September. Al was a long-time member of EBARC and a former *Blown Fuse* editor.

---

## Public Service Events
### Randy Jenkins, KA6BQF

Sunday, May 6, 2007: Grizzly Peak Century, Contact Rich Parker, KD6JCT, kd6jct@yahoo.com or 510-237-2777

**Public Service event schedule for 2007 for the Marin Amateur Radio Society:**

Saturday, May 5, 2007: Miwok 100K run (0700-1000 hrs) Flexible shifts available

Saturday,May 5 and into early Sunday, May 6: The Relay (1500-0530 hrs) These first two are on the same dates and both need numerous volunteers.!!!!

Saturday, May 12, 2007: The Human Race (0730-1200 hrs)

Sunday, June 10, 2007: Dipsea - (0700-1700 hrs)

Saturday, June 16, 2007: Terrible Two (0800-2230 hrs) A Sonoma County event that we have been asked to help out on if possible.

Saturday, June 23, 2007: Double Dipsea (0700-1600 hrs) (Field Day)

Saturday, Aug 4, 2007: Mt. Tam Double Century (0700-2200 hrs)

Saturday, Aug 18, 2007: Holstein 100 bike run (0800-1730 hrs)

Sunday, Sept 30, 2007 - Escape From Alcatraz (run portion) (1000–1730 hrs)

Volunteers do not have to commit to the entire time frame. If we get enough volunteers, we can break up the longer shifts. To volunteer, contact Randy; KA6BQF, ka6bqf@arrl.net, 510 526-4089. Thanks.

---

## General Meeting Minutes
### April 13, 2007
**Sharon Primbsch, AA6XZ, Acting Sec't'y**

The meeting was called to order by President, Jack, K6JEB, at 7:36 p.m. The minutes of the March General Meeting were accepted as printed in *The Blown Fuse*.

Trustee: Ralph, W6EFD, had no report.

Club Station Chair: Stanton, KD6SWU, said the station and ramp are okay.

1st VP: Ron, KE6RS, said Denice Stoops will speak at the May meeting. The June meeting is for Field Day planning.

2nd VP: Randy, KA6BQF, reminded us of the Grizzly Peak Bike Ride on May 6th. He also reminded us of the 8-week Technican class that starts April 18th at Alvarado School.

3rd VP, VE Liaison, Blown Fuse Editor: Sharon, AA6XZ, introduced visitor Stephen Bjork. She billed our advertiser, HRO. She announced the April 22nd VE test session. As acting secretary, she reported that there was no significant "snail mail".

Field Day Chair and Web Site Guru: Peter, W6DEI, has reserved our spot at the Berkeley marina for Field Day. He also reports that the EBARC web site is getting lots of visitors. He puts up links to all presenters' web sites. Peter reports working Alan Eshleman as he was enroute to the N8S Swain's Island DXpedition. For the Red Oak Victory, he invited operators aboard ship to work the "Museum Ships Special Event", Jun 9-10, 0100-2359Z (Jack will do CW & SSB, and Peter will do PSK).

Member-at-Large: Bob Bowling, K6ZLG, has made a 40M phased array antenna for Field Day. It will be checked out by himself, Bob Uhrhammer, Jack Burris, and anyone else who cares to help.

Treasurer: Gordy, NU6W, summarized the March Treasurer's report as it was printed in the *Blown Fuse*. Al Streit has filed an IRS tax extension. We don't pay tax, but we file in December.

President: Jack, K6JEB: Jack also worked K6SRZ during his setup for the Swain's Island DXpedition. Peter Hoffman has agreed to be our publicity chair. See Stanton if you want to be on the club station maintenance team. The 10M net at 1930 local time on Monday nights meets on 28.425 MHz *[info has been corrected in net list – Editor]*

Good of the Order: Texx, KG6ATH, reports that Rev. Alexander's church group's CERT program is going slowly. Texx is trying to recruit new hams from this group.

No new business. Meeting adjourned at 8:00 p.m. for the door prize drawing and speakers.

---

## FCC Regulatory Affairs
### (TNX to Randy Jenkins, KA6BQF)

The FCC has invited opposition comments to two petitions for reconsideration filed in the wake of the commission's Report and Order in WT Docket 05 -- 235. One petition calls on the FCC to reinstate the five words per minute Morse code requirement for amateur extra class applicants. The second petition cites problems with the FCC Electronic Comment Filing System, and seeks to reopen the proceeding for additional comments. Opposition comments are due April 27. Comments in support of either petition are not welcomed by the FCC.

The FCC has proposed reducing the need to obtain an Amateur Radio vanity callsign. The proposal would reduce the current $20.80 fee to $11.70. These fees are mandated by Congress and are collected to recover the regulatory costs associated with the

commission's enforcement, policy and rulemaking, user information, and international activities. The vanity callsign fee is payable upon initial application, and at the 10 year renewal period, of each amateur licensee holding a vanity callsign. Vanity callsigns issued prior to 1996 are exempt from the additional fee, because such heritage vanity callsigns do not appear as vanity licensees in the FCC Amateur Radio database.

The ARRL is working with the US Department of Defense to develop a plan to mitigate alleged interference from 70 cm ham radio repeaters to military radar systems on the East and West coasts. The U.S. Air Force has asked the FCC to order dozens of repeater systems to either mitigate interference to the Pave Paws radars or shut down. The Amateur Service has a secondary allocation in the 70 cm band, with government radio location having a primary allocation. As a secondary service, amateur radio must not interfere with, and must accept, interference from, the primary user.

The situation affects 15 repeaters within 100 miles of Otis Air Force Base on Cape Cod, Massachusetts, and more than 100 repeaters within 140 miles of Beale Air Force Base in Marysville, California. This includes the majority of 70 cm repeaters in the San Francisco Bay area. The Cape Cod and Marysville sites are the two remaining Pave Paws facilities in the continental United States. Pave Paws is a missile and satellite detection and tracking system. These radar systems occupy essentially the entire 70 cm band, and have an average output power of more than 145 kW.

The ARRL lab is working up calculations for each repeater system the Air Force has identified to determine where mitigation techniques offer a reasonable chance of keeping the repeater on the air. The ARRL is recommending that affected repeater owners reduce power, to as little as 5W effective radiated power (ERP), in order to mitigate interference. Repeater owners and users are being urged to exercise patience in dealing with this issue. Amateur operators must already abide by a 50 W PEP maximum power limitation in the areas around both Air Force facilities.

For further information see the ARRL web site www.ARRL.org

---

## EBARC Roster Update

- **NEW ADDRESS:** Rita Brenden, KG6WPN, now lives at 616A Ventura St., Richmond, CA 94805.

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## Red Cross, ARRL Discuss Background Investigations

*[excerpt from* ARRL Letter *04/21/2007]*

Amateur Radio Emergency Service (ARES) members volunteering to support Red Cross disaster relief or recovery operations would not have to submit to a Red Cross background check unless their volunteer stints extended beyond seven days. That was the word from American Red Cross officials, who met recently with ARRL representatives. The ARRL has expressed concerns about the Red Cross' background check policy since first learning of it last year. The League posted its most recent position statement (www.arrl.org/announce/ARRL-ARC-bg-check.html) on the topic in March.

ARRL General Counsel Chris Imlay, W3KD, and Chief Technology Officer Paul Rinaldo, W4RI, met March 20 at American Red Cross offices in Washington, DC, with two attorneys from the Red Cross General Counsel's office and two management-level staff members from Red Cross Disaster Services. ARRL asked the Red Cross staff if ARRL ARES volunteers would be subject to the American Red Cross background check requirement if they provided communication for more than seven days. The position of the Red Cross is that ARES volunteers would not be permitted to provide communications at an American Red Cross disaster site for more than

seven days without submitting to the Red Cross background check procedure.

Discussion then turned to the Red Cross' announcement that it would not conduct credit or mode-of-living checks. The League's stated concern has been that the ARC background investigation consent form states that a consumer report and/or an investigative consumer report -- which includes certain credit checks and mode of living checks -- will be obtained on the volunteer signing the form.

The ARRL team asked if the Red Cross would be willing to modify its consent form to limit the authority granted by the person signing the form to criminal background checks only. The Red Cross representatives did not appear willing to modify the current consent form.

The ARRL also suggested alternatives to the Red Cross investigation firm, MyBackgroundCheck.com (MBC).

The Red Cross also appears unwilling to accept background checks conducted by other entities, such as law enforcement organizations. The Red Cross based its reluctance on a requirement to compare the methodologies of MBC with those of alternative background-check providers.

Following the meeting, the ARRL reiterated its recommendation that members carefully review any consent document permitting a private organization to conduct a background investigation on that individual. The current Red Cross background check consent form continues to include permission, without further consent from the volunteer, to conduct a consumer report and/or an investigative consumer report.

The Federal Trade Commission and federal statutes define "investigative consumer reports" to include a mode-of-living check as well as certain credit checks.

While the Red Cross has said it won't routinely pull credit reports on background check applicants, ARRL President Joel Harrison, W5ZN, has said that just requiring volunteers to authorize procurement of a credit report "is inconsistent with this assurance."

In the course of the background check application process, prospective volunteers must agree to let MBC obtain a wide range of personal information bearing not just on criminal background and creditworthiness but, MBC says, "character, general reputation [and] personal characteristics." MBC advises, "The nature and scope of this disclosure and authorization is all-encompassing."

The ARRL says it won't suggest which organizations or agencies Amateur Radio volunteers should or should not support, but the League stresses that it does wish to facilitate the provision of volunteer services.

The ARC and the ARRL have a Statement of Understanding (SoU), which is up for review this year.

---

## Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- South Bay Electronics Flea Market, 2nd Saturday of each month, March through October, De Anza College, Cupertino. Details at www.asvaro.org. Talk-in on 145.27 MHz (-, 100 Hz PL).
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2007 will be Sundays Jul. 22nd and Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2007 fee (and retest fee) remains at $14. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

---

## Keep your batteries charged!

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $25 for individual membership, $30 for a family membership, and $10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.eastbayarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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## AMATEUR RADIO NETS

| NET | DAYS | LOCAL TIME | | FREQ, MHZ |
|---|---|---|---|---|
| West Contra Costa County ARES/RACES Net | Thurs | 1845 | (PL 82.5-) | 145.110 |
| EBARC "Explore Net" (HF) | Mon | 1930 | (USB) | 28.425 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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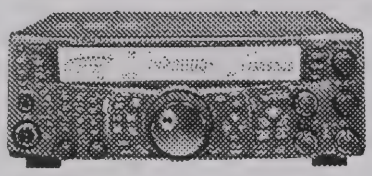

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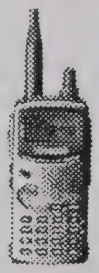

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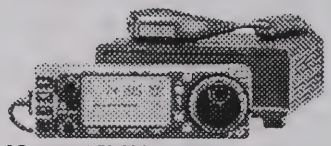

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- 100W HF/6M, 50W/2M, 20W/440 MHz
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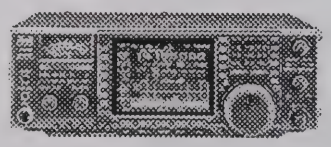

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- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

**The Ultimate Radio!**

## ALINCO

**DJ-196T** 2M/HT
- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

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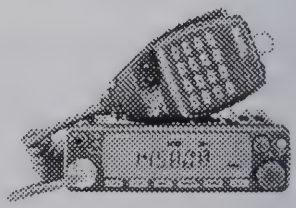

**DR-135TP** 2M mobile
- 50 Watt out • Alpha numeric display
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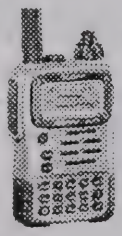

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- Wideband RX
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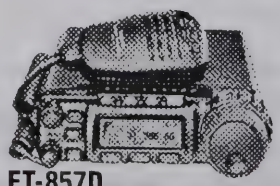

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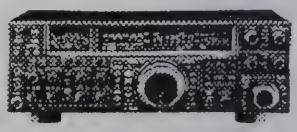

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 6 JUNE 2007

## EBARC Meeting

June 8, 2007
7:30 p.m.

"Field Day 2007
Planning Session"
EBARC Members

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 6527 Arlington Blvd., Richmond. For directions call 415-305-2547.

THE EAST BAY AMATEUR RADIO CLUB, INC.
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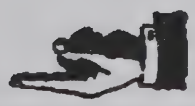

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*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for Jul. issue: Tuesday, Jun. 26th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

---

## Field Day is June 22-24!
### Ron Smith, KE6RS

Field Day planning will happen at our June 8th meeting. Our Field Day chair, Peter Hoffman, W6DEI, will coordinate the effort. Bring your brain, your list of stuff to offer for the weekend, and a way to write down the stuff you plan to bring to the event.

The EBARC Field Day site is at the northwest end of Cesar Chavez Park in Berkeley. From 80, take the University Ave. exit and head west. Turn right onto Marina Blvd., then left onto Spinnaker Way. The site itself is north of the traffic circle at the end of Spinnaker, just over the first hill. Parking will be available, probably in the lot about halfway along Spinnaker Way (or along Spinnaker itself). There will probably be transportation from the parking area to the site if you don't want to hoof it. Do not park in the traffic circle, as it is locked overnight!

Setup starts 11 a.m. local time Friday, June 22rd. The event itself starts at 11 a.m. PDT Saturday and lasts 24 hours. Don't forget a hat, layered clothing, and sunscreen.

## President's Sidetone
### Jack Burris, K6JEB

Wow! What a month it's been - BS7H out on Scarborough Reef for starters! I'll tell you right up front, I wasn't one of the lucky ones to add that DXCC entity to my Worked list, but it was sure interesting learning about those rocks and their surrounding environment. In case you haven't seen the photos yet, check out the ARRL Pacific Division Director, Bob Vallio, W6RGG, up on the scaffolding, surrounded by water: *www.scarboroughreef.com/4rocks.html*

Field Day is this June 23rd and 24th. This month's program will focus on readying our individual and collective efforts to help make W6CUS Field Day 2007 another success. A good start would be to get familiar with the rules. They're posted on the ARRL web site, *www.arrl.org/contests/rules/2007/fd.html*. If you don't have Internet access, you can obtain a printed copy from ARRL Headquarters for the cost of postage:

If you want to hone your CW skills, here's a quick, list of my current favorites:

**Beginners:**

- G4FON's Koch Method CW Training Software – Windows *www.g4fon.net/CW%20Trainer.htm*
- ALDO Morse Code Tutor – Linux *http://aldo.nongnu.org/*

**Advanced:**

- RufzXP - Windows *www.rufzxp.net*
- MorseRunner – Windows *www.dxatlas.com/MorseRunner*

I especially like the last one, Morse Runner since it also simulates QRM/QRN and variable band conditions.

Don't forget the ARRL code practice sessions as well as proficiency sessions transmitted regularly on the ham bands. There is also the FISTs organization (*www.fists.org*) which has an excellent Morse Code mentorship program.

I've also come around to translating CW right to keyboard (I learn with a pen in hand and I would have to resort to shorthand or just 'copying in my head for speeds faster than I can write).

CW is no longer a requirement for getting your ham ticket. But it's still usually the best ticket to working DX, and getting your message through in tough conditions, or with basic gear. And like any language, it's got its own culture.

That's all for now. Let's start bugging the lucky folks who made it to Dayton this year about what's new and how it went.

---

Denice Stoops, KI6BBR, who did our EBARC program for May, wants us to know her email address. EBARC members may want to contact her regarding tours of KPH or the upcoming Night of Nights VII on July 12, 2007. You can also contact her about the Racal receivers that the Maritime Radio Historical Society has for sale. Denice can be contacted at: *da.stoops@sbcglobal.net*

Ron Smith, KE6RS

---

## Museum Ships Weekend Event

This special event will be held 0000Z June 9 through 2358Z June 10, 2007. For info see, *http://users.tellurian.com/freddie/nj2bb/ship-event.html*. You can get a certificate if you work 15 participating ships. Better yet, operate from one of them!

**USS Hornet**

We are inviting amateurs from the Bay Area to visit the Hornet Museum and NB6GC to participate in the Museum Ships on the Air event. Visitors will be able to operate the station on HF bands and will be able to tour public areas of the aircraft carrier. We will have special tours of the ship's main radio room and other electronic rooms.

73 de Ken Fowler, KO6NO

**USS Red Oak Victory**

The USS Red Oak Victory will be using its original WWII Mackay Radio/Federal Telephone [ FT-106 ] CW equipment for Museum Ships Weekend. The ROV's FT-106 is probably the last original FT-106 in existence. Also the Vietnam era AM equipment [Northern] will also be in operation. SSB, PSK 31 and modern equipment CW will also be in operation. To make a CW or AM sked [using the ship's original equipment] please contact Steve, WB6UZX at: wb6uzx@arrl.net or Tom, WA6OPE at: wa6ope@hotmail.com

73 de Gary Elliot, WA6KCP

---

## Future Bay Area Events

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- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

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*[The list of officers and nets is being omitted from the printed* Blown Fuse *this month to save money. It will return next month. – Editor]*

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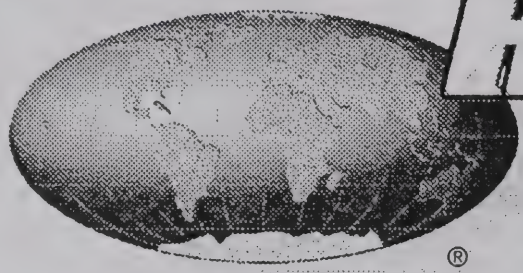

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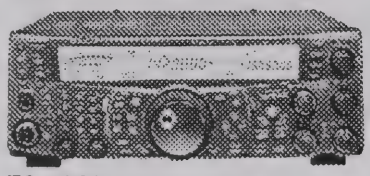

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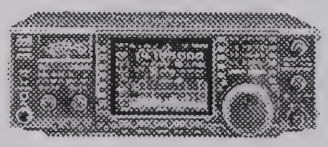

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- Alphanumeric display
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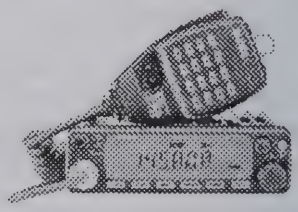

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- CTCSS/DCS Encode/Decode built in

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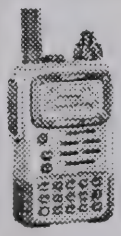

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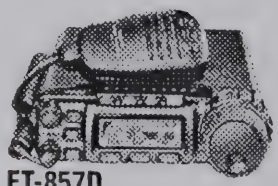

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THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 7 JULY 2007

## EBARC Meeting

July 13, 2007
7:30 p.m.

"Operating on
the HF Bands"
Kristen McIntyre, K6WX

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 6527 Arlington Blvd., Richmond. For directions call 415-305-2547.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
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*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for Aug. issue: Tuesday, Jul. 26th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

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## President's Sidetone
### Jack Burris, K6JEB

Field Day 2007 is now in the log books - a lot of good memories. Many great things happened, and some lessons were learned.

First of all, bravo to our Field Day Chair Peter, W6DEI, who once again organized our Field Day effort. Thanks to Randy, KA2BQF; Rita, Stanton, KD6SWU; and Texx, KG6ATH, who prepped both at home and at the club station. You did an awesome job of pulling together a LOT of gear, logistic. Everyone who showed up at the site to lend a hand with set-up deserves mighty praise for getting the site up and running with minimal fuss.

Thanks to Dr Alan, K6SRZ, for leading the way with the CW Station. Bob, K6ZLG's phased vertical array for 40m CW was part of the arsenal that kept pounding the brass round the clock for an impressive outcome. We can learn a lot from these guys. They were joined by the incredibly wonderful and helpful Joe, K5EJL, up from Austin, Texas, who, by a lark, wound up helping EBARC this Field Day (by the way, today I just found out Joe was one of the elmers for Ron, K5DJ of Writelog).

Peter, W6DEI, and Marc, K6MMG, did a fine job at the PSK31 station. Marc only recently started using PSK31, and with some mentoring by Peter, he's now surfing the waterfall like a pro. I peeked in there and I've never seen the waterfall so jam packed with stations.

Murphy struck the SSB station with some issues with the A3S on the hill. We resorted to our fall-back antenna, a G5RV, which failed to give us a commanding signal to much more than the West Coast. Still, I want to thank everyone for their amazing efforts despite the challenges, and we certainly used the time to get some new faces behind the mic. Thanks to Randy and Rita for taking it to the finish line. Big thanks to Ron, KE6RS, for pulling it all together.

My favorite memories are the many, many cheers and "YES! I Got It!" I heard from the GOTA (Get On The Air) Station. That place was "fun central", and as far as I'm concerned they really ran with it this year! Big Kudos go to Sharon, AA6XZ; Varon, John, and Syl for your welcoming spirit and great patience. You exemplify the best of what 'elmering' is all about. Your signs were great and you really pulled them in.

Thanks to everyone who showed-up or helped us in any way. It's much appreciated. Break-down/strike went well. Randy once again, I want to thank you for crawling up in the hot attic of the club station to put the stuff up. Stanton, thanks for all that you do down there.

Finally I want to thank my YL, soon-to-be XYL, Kyle, KI6FYW, for all her cheerful patience and support on the home front.

Six meters has been alive all day with Sporadic-E openings. Ten meters as well. Don't forget about the weekly Explore Net on 28.425 MHz USB Monday nights at 7:30 p.m. (Pacific).

## July Program
### Ron Smith, KE6RS

On July 13th, Kristen McIntyre, K6WX, will be back with us to discuss "Operating on the HF Bands". Whether you are new to HF or have been operating there for over 50 years, as some have, I'm sure you will pick up some good pointers from Kristen.

---

## Preliminary Field Day Results
### Peter Hoffman, W6DEI

With only a matter of hours separating the end of Field Day from the July *Blown Fuse* deadline, this Field Day review will be just a brief preliminary synposis - with a more finalized version to follow next month. Like all of you who were on-hand, I'm still recovering from the massive amount of energy spent setting up, operating, and tearing down (not to mention socializing) this weekend.

First, and foremost, I think everyone had a great time. Though band conditions were not too hot, the weather was really nice. Lots of club members participated and a few non-EBARC hams showed up and made significant contributions. Good food and good cheer were provided in abundance, and many people passing through the park got a little education about ham radio. Despite the poor band conditions, our QSO totals were actually up significantly from last year, mainly due to more than doubling the CW QSOs. We made approximately 1000 CW, 170 SSB, and 150 PSK QSOs. All points are doubled for using low power stations, and CW and PSK points are doubled again (for difficulty, I presume). This should bring our QSO points around 5000.

We earned bonus points for about 30 GOTA QSOs, (20 done by one individual at the GOTA station), copying the W1AW Field Day Bulletin, 10+ QSOs running off a solar-charged battery, 10 NTS messages passed, 1 NTS message to the East Bay Section Manager, setting up in a public location, and probably a few more that escape me at the moment. Much thanks to everyone who participated. And a special note of thanks to Joe, K5EJL, from Austin, TX. Joe was in town visiting his kids and grandkids and found us through our website. Joe helped with set-up, tear-down, and operating, and amused us with numerous charming anecdotes that all seemed to start with "There was this good ol' boy I once knew...."

---

## Public Service Hams Needed
### Randy Jenkins, KA6BQF

Amateur operators are being solicited for the Marin Century /Mt. Tam Double Century bike ride on Saturday, August 4. Persons are needed to provide communications between the various rest stops, as ride-alongs with SAG vehicles, or as SAG drivers. SAG vehicles will be tracked by APRS where possible. This ride covers roads throughout Marin County and into southern Sonoma County. Shifts are available throughout the day. 20 to 25 amateurs are needed to staff this event. Event hours are 5 a.m. to 11 p.m

Amateur operators are also being solicited for the Holstein Hundred bike ride on Saturday, August 18. This ride covers roads in West Marin County and Southwest Sonoma County. Shifts are available throughout the day. Event hours are 6 a.m. to 7 p.m. Persons are needed to provide communications between various rest stops, as ride along with SAG vehicles, or as SAG drivers. This event is a benefit for the West Marin Senior Center.

Contact me for further information or to volunteer - ka6bqf@arrl.net 510-526-4089.

## Treasurer's Report
### May, 2007
### Gordon Parsons, NU6W, Treasurer

MAY INCOME

| | |
|---|---|
| Coffee Kitty | $11.00 |
| Total May Income | $11.00 |

MAY DISBURSEMENTS

| | |
|---|---|
| World Radio Membership | $70.00 |
| AT&T (W6CUS phone) | 18.74 |
| Total May Disbursements | $88.74 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $4,879.20 |
| Savings (Station Fund*) | $2,978.48 |

*$560 earmarked for W6CUS Roofing Fund.

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## Treasurer's Report
### June, 2007
### Gordon Parsons, NU6W, Treasurer

JUNE INCOME

| | |
|---|---|
| ARRL membership (KI6GWL) | $44.00 |
| Coffee Kitty | 15.36 |
| Total Jun. Income | $59.36 |

JUNE DISBURSEMENTS

| | |
|---|---|
| Blown Fuse Printing (May) | $23.49 |
| Blown Fuse Postage (May) | 15.21 |
| Blown Fuse Printing (Jun.) | 11.75 |
| Blown Fuse Postage (Jun.) | 15.58 |
| ARRL membership (KI6GWL) | 29.00 |
| AT&T (W6CUS phone) | 18.62 |
| Total Jun. Disbursements | $113.65 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $4,828.17 |
| Savings (Station Fund*) | $2,993.84 |

*$560 earmarked for W6CUS Roofing Fund.

If you have been an inactive ARRL member for two years, or if you have never joined, please sign up through EBARC. We will get a commission. Make your check out to EBARC for the full amount, and the Treasurer will rewrite a check to the ARRL (minus the commission) on your behalf. Our club is ARRL-affiliated, and we need to have a substantial fraction of our members join ARRL.

---

## General Meeting Minutes
### June 8, 2007
**Sharon Primbsch, AA6XZ, Acting Secretary**

The meeting was called to order at 7:36 p.m. by President, Jack Burris, K6JEB.

The reading of the May minutes was tabled.

1st VP & Program Chair, Ron Smith: July's speaker will be Kristen McIntyre, and August's will be Alan Eshleman. We hope to have Dean Straw (editor of the *ARRL Antenna Manual*) at a future meeting.

2nd VP & Hospitality Chair, Randy Jenkins: Reported on Red Oak Victory's Museum Ships event. Ham volunteers are needed on the 1st and 3rd Saturdays of August for bike rides.

3rd VP, Sharon Primbsch & Membership Chair: Welcomed new members and guests. Postage for *The Blown Fuse* is now $0.41 each.

Education Chair, John Wood: about eight people from the Technician class will take the test this Wednesday.

Treasurer, Gordy Parsons: Read the totals from the May Treasurer's Report.

President, Jack Burris: Congratulated new member Felicity Conrad for her net control work at the Boy Scout walk.

Texx Woodworth reports that the Red Cross is looking for operators for the July San Francisco Marathon.

Joe Lee asks to be notified of any silent keys. He will help survivors with the ham-related paperwork. If you want an EBARC badge ($5 each), see Joe.

There was no new business.

Meeting was adjourned for Field Day Planning, moderated by Chair Peter Hoffmann, W6DEI.

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## EBARC Roster Update

- **UPGRADE:** Felicity Conrad, KI6GWL, now has a General license.
- **NEW MEMBER:** Peter Conrad, KI6KPA, (Felicity's husband) is a newly-licensed Technician. He lives at 291 Purdue Ave., Kensington, 94708. His email is conrad_peter_s@sbcglobal.net, His phone is 529-6984.
- **NEW MEMBERS:** Martha Seymour, KI6KOV, and Bob Seymour, KI6KOU, are both new technicians. They live at 3606 Andrade Ave. Richmond. Their phone is 510-237-6089.
- **NEW MEMBER:** Evan Spampinato, KI6KOY, is a new technician. He lives at 1555 Marin Ave., Albany. His phone is 524-3219. His main ham interest is marine.
- **NEW MEMBER:** Robert Hall, KI6KOK, is a new technician. He lives at 149 Carmel Ave., El Cerrito. His phone is 526-7337. His email is auntflabe@aol.com
- **NEW MEMBER:** Pamela Coville, KI6KOZ, is a new technician. She lives at 6201 Tehama Ave., Richmond. Contact her at 525-7959 or recovil@pacbell.net. She's interested in Red Cross emergency communications, singing, watercolor, sewing, and gardening.
- **NEW MEMBER:** Michael Mahl, KI6KPB, is a new technician. He lives at 405 Bellevue Ave., Oakland. He's also interested in hiking. Contact him at 208-3445 or remsenburger@hotmail.com.
- **NEW MEMBER:** Robert Fierce, KI6KOW, is a new technician. He lives at 761 Pierce St., Albany. Contact him at 725-9161.

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## Future Bay Area Events

- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- South Bay Electronics Flea Market, 2nd Saturday of each month, March through October, De Anza College, Cupertino. Details at www.asvaro.org. Talk-in on 145.27 MHz (-, 100 Hz PL).
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining sessions for 2007 will be Sundays Jul. 22nd and Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2007 fee (and retest fee) remains at $14. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

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## East Bay Section News
### Ti Michelle Connelly, NJ6T

*[excerpt…]* Wedding Bells are going to ring for Kyle, KI6FYW; and Jack, K6JEB, Let's all extend them congratulations and wish them a long life together.

I regret to announce that the East Bay Section Emergency Coordinator David Harnish, AD6ME, has resigned. Should any of you wish to fill this appointment, please contact me at nj6t@arrl.org.

ARRL Files BPL Federal Appeals Court Brief
*[excerpt from ARRL Letter 05/26/2007]*

The ARRL has filed a federal appeals court brief outlining its case and requesting oral arguments in its petition for review of the FCC's broadband over power line (BPL) rules. The League has petitioned the US Court of Appeals for the DC Circuit to review the FCC's October 2004 Report and Order (R&O) in ET Docket 04-37 and its 2006 Memorandum Opinion and Order. In its brief filed May 17, the ARRL contends, among other things, that the FCC's actions in adopting rules to govern unlicensed BPL systems fundamentally alter the longstanding rights of radio spectrum licensees, including Amateur Radio operators.

"For the first time ever, the FCC has permitted new unlicensed devices to operate in spectrum bands already occupied by licensees, even if the unlicensed operations cause harmful interference to the licensees," the League said in stating its case. "The orders under review reverse nearly seven decades of consistent statutory interpretation and upset the settled expectations of licensees without so much as acknowledging the reversal, let alone justifying it."

The ARRL argues that the FCC's approach to adopting rules to govern BPL flies in the face of Section 301 of the Communications Act, which requires that operators of devices that emit radio frequency energy first obtain an FCC license. "For years, the FCC has consistently read Section 301 to apply to unintentional radiators, such as BPL devices, and has expressly embodied that interpretation in its rules," the League's brief recounts.

"The Commission then compounded its error by asserting that BPL devices do not fall within Section 301 at all, the League said. "This hail-Mary attempt at justification is another unexplained departure from prior policy that independently requires invalidation of the orders," the ARRL remarked in its brief.

The ARRL contends that the FCC orders under review "jeopardize the license rights of ARRL's members and other license holders by authorizing providers of a new device -- Access Broadband over Power Lines, or 'BPL' -- to send radio signals across the electric grid in the frequencies the license holders occupy, but without having to obtain an FCC license."

The League's brief further asserts that the FCC "has failed to discuss or disclose significant information in the record that potentially contradicts its key interference findings," and seeks to have the FCC produce the information. The ARRL alleges that the Commission not only withheld its internal studies until it was too late to comment but has yet to release portions of studies that may not support its own conclusions. The FCC has claimed that these are "internal communications" that it did not rely upon in reaching its decision to adopt the BPL rules.

"If, as seems more likely, the Commission actually considered and rejected the information contained in the redacted portions of its studies, then it had a duty to disclose the information and reasons for rejecting it. Either way, the FCC acted improperly."

The League also takes issue with what it argues is the FCC's "arbitrary and capricious" adoption of a BPL emission measurement standard that's unsupported by the record in the proceeding and ignores contrary evidence. Additionally, the ARRL says, the FCC rejected a proposed alternative without
even considering it.

Said ARRL CEO David Sumner, K1ZZ, in his "It Seems to Us . . ." editorial for July QST: "The Commission's penchant for ignoring contrary evidence is illustrated even more vividly with regard to how quickly RF emissions are assumed to decay as one moves away from the source. This is important because if the signal is assumed to decay more quickly than it really does, the interference potential of the emissions will be underestimated."

As Sumner notes, the FCC has claimed that "many parties" have presented experimental data supporting a 40 dB per decade (10 times increase in distance) rate. "In fact, there is no such evidence in the record - and empirical evidence supporting a lower number was ignored," he asserts.

The League maintains that the Commission failed to consider the ARRL's sliding-scale alternative that would have avoided what Sumner calls "the logically indefensible situation that now exists in the rules: the extrapolation factor is 20 dB/decade at 30.001 MHz and 40 dB/decade at 29.999 MHz."

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $25 for individual membership, $30 for a family membership, and $10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.eastbayarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

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|---|---|---|---|---|
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| EBARC "Explore Net" (HF) | Mon | 1930 | (USB) | 28.425 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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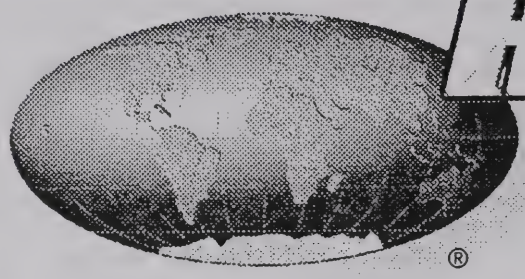

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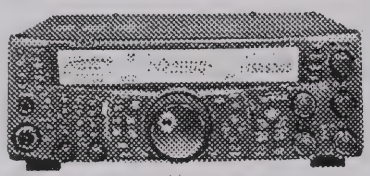


### TS-2000 HF/VHF/UHF TCVR

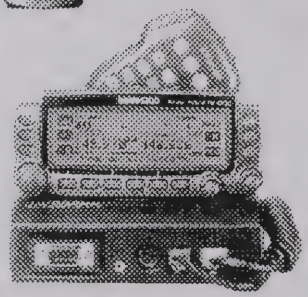
- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

**Low Intro Price!**

### TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

**Low Pricing!**



### TM-D700A 2M//440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

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(408) 736-9496
**(800) 854-6046**
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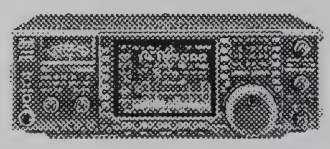
## ICOM

### IC-706MkIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menues

**Low Pricing!**

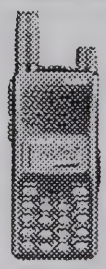


### IC-756 PRO III All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

**The Ultimate Radio!**

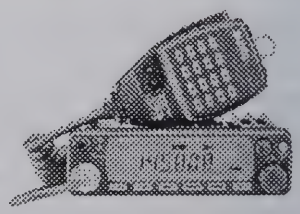
## ALINCO



### DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

**Low Pricing!**



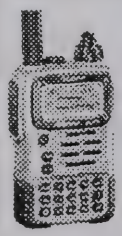
### DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

**Low Pricing!**

COAST TO COAST
FREE SHIPPING
(Rapid Delivery from the State Nearest To You)

## YAESU

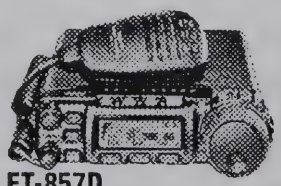


### VX-7R

50/2M/220/440 HT

- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

**Great Price!**

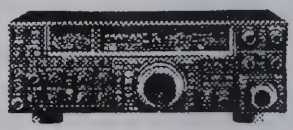


### FT-857D

Ultra compact HF, VHF, UHF

- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel (YSK-857 required)

**Call for Low Price!**



### FT-2000 HF + 6M tcvr

- 100 W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 3 Band Parametric Mic EQ
- 3 IF roofing filters

**Call Now For Low Pricing!**

THE EAST BAY AMATEUR RADIO CLUB, INC.

# QLF THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 8

AUGUST 2007

## EBARC Meeting

August 10, 2007
7:30 p.m.

Interim Election
"Swain's Island DXpedition"
Alan Eshleman, K6SRZ

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Applan Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 6527 Arlington Blvd., Richmond. For directions call 415-305-2547.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

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*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for Sep. issue: Tuesday, Aug. 28th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

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## August Program
### Ron Smith, KE6RS

Find out what happened behind the scene during the April 2007 DXPedition to Swains Island. Alan, K6SRZ, will be our presenter on August 10 and will speak about the N8S operation. The Swains Island DXPediton web page is at:
http://www.yt1ad.info/n8s/index.html

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## Election of Interim Officer(s)

EBARC Secretary Burgie Jones, KE6MSF, has resigned for scheduling reasons. We thank her profusely for her service so far! To replace her for the remainder of 2007, our *Constitution and ByLaws* requires that we have an interim election. This election will happen at the August 10th general meeting. The only nominee so far is Randy Jenkins, KA6BQF. If Randy is elected as Secretary, it will leave a Board vacancy for 2nd Vice President (in charge of Hospitality, aka food for meetings). If this should happen, there will be a second election to fill this position. So far, the only 2nd VP nominee is "Texx" Woodworth, KG6ATH.

If you wish to run for either Secretary or 2nd Vice President (should this office become vacant), please contact President Jack Burris, K6JEB. Additional nominees will be accepted from the floor on election night.

---

## Treasurer's Report
### July, 2007
### Gordon Parsons, NU6W, Treasurer

JULY INCOME

| | |
|---|---|
| New Member: Joe Fisher, K5EJL | $25.00 |
| Coffee Kitty | 18.06 |
| Total July Income | $43.06 |

JULY DISBURSEMENTS

| | |
|---|---|
| Blown Fuse Printing | $27.21 |
| Blown Fuse Postage | 19.27 |
| Field Day Flyers (S. Primbsch) | 5.22 |
| AT&T (W6CUS phone) | 18.49 |
| Total July Disbursements | $70.19 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $4,801.47 |
| Savings (Station Fund*) | $2,993.41 |

*$560 earmarked for W6CUS Roofing Fund.

---

## General Meeting Minutes
### July 13, 2007
### Randy Jenkins, KA6BQF, Acting Secretary

The meeting was called to order by President Jack Burris at 19:37 hrs. Twenty-eight members or guests were present.

President Jack Burris, reported the resignation of Gayle "Burgie" Jones as Secretary.

The minutes of the previous meeting were approved as published in *The Blown Fuse*.

Station Manager, Stanton Gleason, reported that the club station was still fine. Stanton would like to try to do a practice emergency activation of the station. Stanton is still working on getting a railing up on the ramp.

First Vice President, Ron Smith, was absent.

Second Vice President, Randy Jenkins, reported on public service events taking place in August in Marin.

Third Vice President, Sharon Primbsch, reported that *The Blown Fuse* was doing fine. As membership chairman, Sharon asked that the guests introduce themselves, and the assembled company follow suit. Guesta present were Mark O'Brien, KG6SYD; and Ron Fisher, K5EJL.

Field Day Chairman, Peter Hoffman, reported on this year's Field Day activity. While contacts were down a little bit this year, preliminary tallies show around 5800 points this year.

Treasurer Gordon Parsons reported $59.36 in income for June, and $113.65 in disbursements. The bank balances were reported as $4828.17 in checking and $2992.84 in the station fund, including $560 in the roofing fund.

Board Member Bob Bowling reported that the 40 m phased-array antenna had worked well at Field Day.

President Burris reported that tonight's program would be given by Kirsten McIntyre, K6WX on HF operating; August's program would be by Alan Eshelman, K6SRZ, on the Swain's Island DXpedition; and September's program would be by Dean Straw on contesting.

President Burris commented on the success of our Field Day activity, and particularly singled out the operation of the GOTA station.

Texx Woodworth commented on several points including the need to begin planning for a crab feed next winter, on the status of the buildings that housed the club station, and on the ARRL efforts to mitigate the effect of interference on the Air Force radar system by 70 cm repeater operations.

Sharon Primbsch reminded everybody that there would be a VE exam in Oakland on July 22nd.

New Business: President Jack Burris announce that the Board of Directors had voted to spend up to $1500 to replace the roof on the club station with a target completion date of no later than September 21, 2008. Donations of material and labor from the membership or others will be welcomed. In this regard, the Board had determined to hold a fundraiser, possibly a crab feed, with the proceeds go towards club station roof fund. Jack also reported that the Board suggested that EBARC have a table at this year's Pacificon convention. This would require several club members manning the table. Jack commented on the lawsuit by the ARRL against the FCC over the ongoing inaction regarding interference from BPL.

The CCCC / EBARC picnic was reported to be scheduled for Sunday, September 16 at Miller-Knox Park. It was reported that the costs of the picnic would be shared between the two clubs.

Peter Hoffman commented that the Board had also proved the purchase of new tents for Field Day at a cost not to exceed $600.

The question of nomination for Secretary was brought before the membership. Randy Jenkins said that he would take the Secretary's job if someone else would take over as Second Vice President. Peter Gaposhkin suggested Texx Woodworth as Second Vice President. No action was taken at the meeting to fill the vacancy.

There being no further business, the business meeting was adjourned at 2010 hrs. A presentation on Basic HF Operating was given by Kristen McIntyre,K6WX.

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## EBARC Roster Update

- **NEW MEMBER:** Joe Fisher, K5EJL, has an Extra license. He lives at 5709 Coventry Ln., Austin TX, 78723. He spends part of his year in the Bay Area, and was an awesome CW operator at this year's Field Day. You can reach him at k5ejl@arrl.net or 512-926-4689.
- **UPGRADE:** Peter Conrad, KI6KPA, now has a General license. Congratulations!
- **UPGRADE:** Keith Nowell, KG6VLY, now has a General license. Congratulations!

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## Future Bay Area Events

- EBARC/4Cs Picnic – Sun., Sept. 17th.
- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- South Bay Electronics Flea Market, 2nd Saturday of each month, March through October, De Anza College, Cupertino. Details at www.asvaro.org. Talk-in on 145.27 MHz (-, 100 Hz PL).
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining session for 2007 will be Sunday Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2007 fee (and retest fee) remains at $14. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

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## East Bay Section News
### Ti Michelle Connelly, NJ6T

*[excerpt]* **Call for Ham volunteers - September 16 Oakland Bike ride support...**

The bike ride fundraiser, *Bike Against the Odds*, is looking for SAG drivers and Amateur Radio communications. This year's event will be on Sunday, September 16, from 6 a.m. to 3 p.m., starting at Lake Merritt. Please reply to Mike, KB6MP, via email: mpompa@inbox.com for more information, or to volunteer.

There are four overlapping routes ranging from 30 to 100 miles in Oakland, Moraga, Orinda, Berkeley, and Lafayette. So, ham drivers with mobile rigs are mostly needed. APRS will be used, if available. Of course, with rest stops and the main event at Lake Merritt, there are plenty of opportunities for HT-equipped volunteers to help with communications.

Lunch is provided to all volunteers. Partial day shifts are possible.

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FCC Responds to ARRL's BPL Brief
*[excerpt from ARRL Letter 07/06/2007]*

On Monday, July 2, the FCC filed its reply brief with the US Court of Appeals for the District of Columbia Circuit. The FCC attempted to rebut the ARRL's challenge to the FCC's Broadband over Power Line (BPL) rules enacted in late 2004 and affirmed by the agency in 2006. According to ARRL General Counsel Chris Imlay, W3KD, "The FCC's brief does not accurately describe ARRL's arguments concerning harmful interference."...

Imlay said the ARRL has asked the Court to order the FCC to "rethink the rules governing BPL and for the first time to take into account the evidence on the record concerning harmful interference to Amateur Radio." ARRL's reply brief is due for filing with the Court July 28, 2007. There is no date set yet for oral argument before the three-judge panel in Washington, DC.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $25 for individual membership, $30 for a family membership, and $10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.eastbayarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

## 2007 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

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Ron Smith, KE6RS, 1st VP - Program Chair.....724-5099
Randy Jenkins, KA6BQF, 2nd VP – Hospitality Chair.....526-4089
Sharon Primbsch, AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor.....741-8227
Gordon Parsons, NU6W, Treasurer / Finance Committee Chair.....785-4290
Secretary.....
Ralph Hall, W6EFD, W6CUS Trustee / SysOp.....232-0727
Stanton Gleason, KD6SWU, Club Station Manager, Member-at-Large..385-4044
John Wood, N6JDW, Education Chair, Member-at-Large.....741-7050
Peter Hoffman, W6DEI, Field Day Chair, Member-at-Large, Web Site Guru, and Publicity Chair.....525-0694
Bob Bowling, K6ZLG, Member-at-Large.....233-5749
Joe Lee, W6DOB, Silent Key Chair.....724-0533
Awards Chair.....
Social & Digital Committees Chair.....
Legislative Affairs.....
RFI Committee Chair.....
Historian.....

## AMATEUR RADIO NETS

| NET | DAYS | LOCAL TIME | | FREQ, MHZ |
|---|---|---|---|---|
| West Contra Costa County ARES/RACES Net | Thurs | 1845 | (PL 82.5-) | 145.110 |
| EBARC "Explore Net" (HF) | Mon | 1930 | (USB) | 28.425 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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**(800) 854-6046**
Janet, KL7MF, Mgr.
anaheim@hamradio.com

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sandiego@hamradio.com

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**(800) 644-4476**
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denver@hamradio.com

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**(800) 444-0047**
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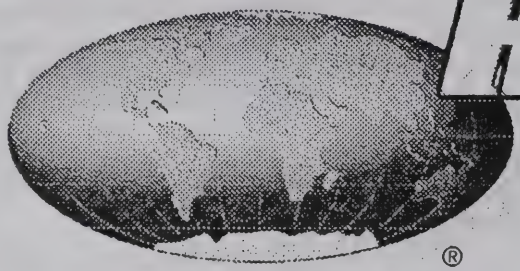

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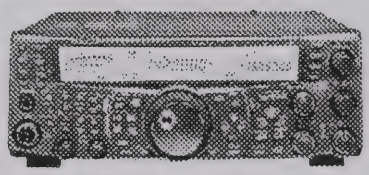

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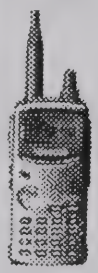

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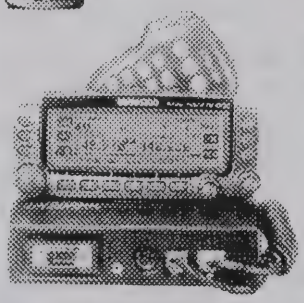

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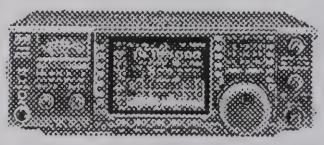

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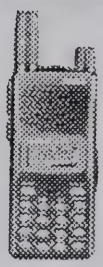
**The Ultimate Radio!**

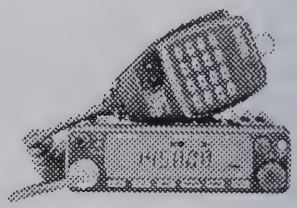
## ALINCO



### DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

**Low Pricing!**

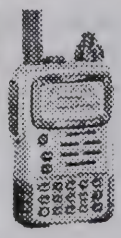


### DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

**Low Pricing!**

## YAESU

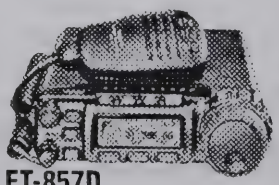


### VX-7R

50/2M/220/440 HT

- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

**Great Price!**



### FT-857D

Ultra compact HF, VHF, UHF

- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
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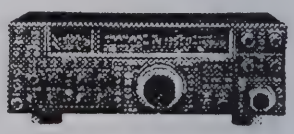

### FT-2000 HF + 6M tcvr

- 100 W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 3 Band Parametric Mic EQ
- 3 IF roofing filters

**Call Now For Low Pricing!**

THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 9

SEPTEMBER 2007

## EBARC Meeting

**September 14, 2007**
**7:30 p.m.**

**"Contesting Fun!"**
**Dean Straw, N6BV**

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 6527 Arlington Blvd., Richmond. For directions call 415-305-2547.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

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*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for Oct. issue: Tuesday, Sep. 25th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

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## President's Sidetone
### Jack Burris, K6JEB

We had another terrific presentation in August. Our own Dr. Alan Eshleman, K6SRZ, gave a talk about his DXpedition to Swains Island (N8S) as well as excursions to American Samoa (KH8) and Western Samoa (5W0CK). I'm starting to think I might get DXCC just by working Dr Alan every time he leaves the country. Is there a Worked Alan Everywhere award?

This month we are fortunate to have the venerable Dean Straw, N6BV, present on contesting. Dean is not only a contester extraordinaire, he's also one of the ARRL Senior Assistant Technical Editors. Those of you who have seen the August *QST* will also note that Dean is quite central to the latest edition of the ARRL *Antenna Book*.

In case you think contesting isn't for you, think again. What other ham activity can test you and your station for emergency preparedness, operating long hours, and getting a message across as efficiently as possible in tough conditions? If you're a DXer, you probably already know contests are a great way to work a new country or zone or grid.

I find contesting a great way to test my station as well as my endurance. I think one of the crossover elements that might be of interest to those kids you see obsessing over the latest video game is the competitive nature of contesting. In many ways, it's a game played across your dial. Have you thought about the kids you know (young and old) who enjoy games, and how that might be a great 'in' for them to ham radio?

Contesting is also a great way to work new countries. Many times DXpeditions are planned around some of the more popular contests. We may be at the very extended bottom of the sunspot cycle, but it's amazing how much the bands come alive during these events. And sometimes, YOU may even be at the receiving end of a pile-up if you happen to represent a needed multiplier.

Lastly, I would like to cordially invite each of you to participate in the California QSO Party. Begins: 1600 UTC - 6 October 2007, Ends: 2200 UTC - 7 October 2007. See *www.cqp.org* for more information.

Bring your friends to the next meeting! The more the merrier!

---

## September Program
### Ron Smith, KE6RS

Our guest speaker on September 14th will be Dean Straw, N6BV. Dean is editor of *The ARRL Antenna Book*, and will be speaking to us about contesting. Please pass the word to your ham friends, and invite them to join us for this very special program.

---

Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

## General Meeting Minutes
## August 10, 2007
**Randy Jenkins, KA6BQF, Acting Secretary**

The meeting was called to order at 1935 hrs by President Jack Burris. There were 17 members or guests in attendance. Jack reported that First Vice President, Ron Smith, would arrive later.

Second Vice President, Randy Jenkins, reported that refreshments will be available at the break, and that he is acting as interim Secretary for the evening.

Third Vice President, Sharon Primbsch, was not present.

Joe Lee reported that badges for those who ordered them are available. He also asked that anyone who had knowledge of silent keys, to please report it to him.

Peter Hoffman reported that he is in the final tabulation stages for our Field Day score, and it looked like we had around 6000 points.

Station Manager, Stanton Gleason, reported on a communications drill held by the Red Cross at the club station.

ARRL East Bay Section Manager, Ti-Michele Connelly, commented that she is always looking for public service events to publicize and amateur volunteers to participate in them. Ti reported on many new and upgraded amateur operators in the East Bay Section, and on the need to mentor new hams. Ti will be able to supply a list of newly licensed amateurs to the club if requested. Ti also commented on the progress of the League's lawsuit against the FCC regarding the BPL regulations that were adopted.

Trustee Ralph Hall reported that everything was okay *[with W6CUS license – Ed.]*.

Alan Eshelman commented on a number of outstanding QSL requests for PSK work at the club station. Alan also commented on the California QSO Party, which will occur on the first weekend in October.

The minutes of the previous month's meeting were approved as published in *The Blown Fuse*.

Jack reported that next month's meeting will feature Dean Straw, N6VB, as the program speaker.

New Business: A motion was made, seconded, and passed to renew our annual donation of $400 to the Salvation Army.

Nominations for the vacant post of Secretary were opened. After discussion, Peter Hoffman volunteered to fill out the post of Secretary for the rest of the year. Peter was elected by acclamation.

There being no further business, the meeting was adjourned at 1954 hrs.

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## 4Cs/EBARC Picnic
## Sunday, Sept. 16th!

Fun, food, and frolic are yours at Miller-Knox Park in Point Richmond. Family members (including kids and significant others) are welcome. Socializing starts about 11 a.m., and "eats" noonish+. Go southwest on Garrard Blvd. through the tunnel and onto Dornan Drive. We gather near the south end of the park. There's no cost, since 4Cs and EBARC share most members. Help near serving time and help with cleanup will be appreciated. Bring sun block, jackets, hats, and your smile!

---

Two antennas met on a roof, fell in love, and got married. The ceremony wasn't much, but the reception was excellent!

## Fall Technician & General Classes are in Alameda

Fall 2007 ham classes taught by EBARC, ORCA, and ARCA members will be held at the Alameda Fire Department Training Building at 431 Stardust Place, Alameda. The building is located on the old Navy base at the intersection of Midway and Rainbow, which is only a mile or so from the Webster St. tube.

**Technician License Class:** Five consecutive Tuesday evenings (9/25, 10/2, 10/9, 10/16, and 10/23) from 7:00 p.m. – 9:30 p.m. local time. The (regularly-scheduled) VE session will be on Sunday morning, Oct. 28th; 9:00 a.m. at Kaiser building, 1950 Franklin, Oakland.

**General License Class:** Six consecutive Tuesday evenings (10/30, 11/6, 11/13, 11/20, 11/27, 12/4) from 7:00 p.m. – 9:30 p.m. local time. The special VE session for this class will be held Tuesday, Dec. 11th at 7:00 p.m. at 431 Stardust Place, Alameda.

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## Foxhunting Near Lake Tahoe

Registration is now open for the Seventh USA Championships of Amateur Radio Direction Finding (ARDF), which take place September 14 - 16, 2007 at Camp Concord near South Lake Tahoe on the California/Nevada border. The best radio-orienteers in the USA will be there, but the courses will also be open to anyone at any radio foxhunting skill level, with or without a ham radio license. There will be an ARDF training camp nearby on September 12 - 13. The registration form and more information are at www.homingin.com.
For more info contact Joe Moell, K0OV, USA ARDF Coordinator, at homingin@aol.com.

Robert Vallio, W6RGG
ARRL Pacific Division Director

---

## Andy Oppel, N6AJO, ARRL Candidate

Andy Oppel, N6AJO, is running for re-election as the ARRL Pacific Division Vice Director. Contact him using andy.oppel@gmail.com, call him at 510-864-2299, or visit his web page at http://www.andyoppel.com/N6AJO.

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## Future Bay Area Events

- ARRL & MDARC's *PACIFICON 2007*, October 19-21, 2007, San Ramon Marriott Hotel, San Ramon, CA. For events, schedules, and ticket sales, see *www.pacificon.org*. For hotel reservations, call 800-228-9290 before 10/4/07, and mention the Pacificon 2007 rate of $84.
- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- South Bay Electronics Flea Market, 2nd Saturday of each month, March through October, De Anza College, Cupertino. Details at www.asvaro.org. Talk-in on 145.27 MHz (-, 100 Hz PL).
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining session for 2007 will be Sunday Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2007 fee (and retest fee) remains at $14. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $25 for individual membership, $30 for a family membership, and $10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.eastbayarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

## 2007 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Jack Burris, K6JEB, President.....415-305-2547
Ron Smith, KE6RS, 1st VP - Program Chair.....724-5099
Randy Jenkins, KA6BQF, 2nd VP – Hospitality Chair.....526-4089
Sharon Primbsch, AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor.....741-8227
Gordon Parsons, NU6W, Treasurer / Finance Committee Chair.....785-4290
Peter Hoffman, W6DEI, Secretary, Field Day Chair, Web Site Guru,
and Publicity Chair.....525-0694
Ralph Hall, W6EFD, W6CUS Trustee / SysOp.....232-0727
Stanton Gleason, KD6SWU, Club Station Manager, Member-at-Large..385-4044
John Wood, N6JDW, Education Chair, Member-at-Large.....741-7050
Bob Bowling, K6ZLG, Member-at-Large.....233-5749
Joe Lee, W6DOB, Silent Key Chair.....724-0533
Awards Chair.....
Social & Digital Committees Chair.....
Legislative Affairs.....
RFI Committee Chair.....
Historian.....

## AMATEUR RADIO NETS

| NET | DAYS | LOCAL TIME | | FREQ, MHZ |
|---|---|---|---|---|
| West Contra Costa County ARES/RACES Net | Thurs | 1845 | (PL 82.5-) | 145.110 |
| EBARC "Explore Net" (HF) | Mon | 1930 | (USB) | 28.425 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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**(800) 854-6046**
Janet, KL7MF, Mgr.
anaheim@hamradio.com

**BURBANK, CA**
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Eric, KA6IHT, Mgr.
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**(800) 854-6046**
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I-880 at 23rd Ave. ramp
oakland@hamradio.com

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**(800) 854-6046**
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sandiego@hamradio.com

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**(800) 854-6046**
Howard, W6HOC, Mgr.
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sunnyvale@hamradio.com

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(302) 322-7092
**(800) 644-4476**
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RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

**PORTLAND, OR**
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(503) 598-0555
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denver@hamradio.com

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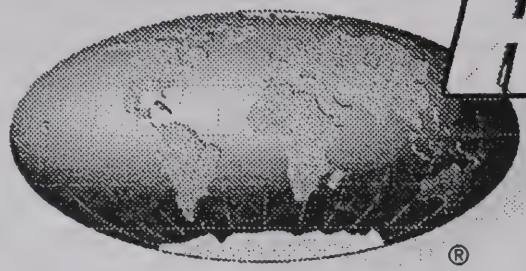
# 12 STORE BUYING POWER



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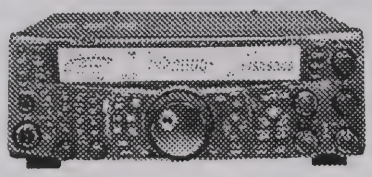

### TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

**Low Intro Price!**

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**(800) 854-6046**
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I-880 at 23rd Ave. ramp
oakland@hamradio.com

### TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

**Low Pricing!**

### TM-D700A 2M//440 Dualband

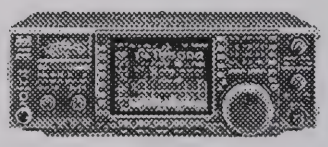
- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built In 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

## ICOM

### IC-706MkIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menues

**Low Pricing!**



### IC-756 PRO III All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

**The Ultimate Radio!**

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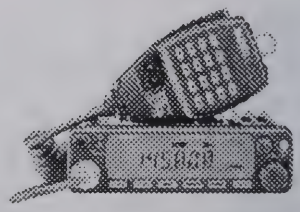

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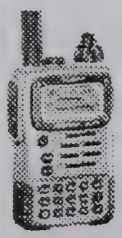

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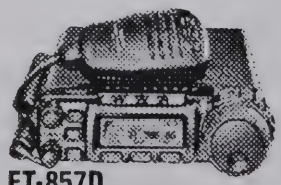
- Internet WIRES compatible

**Great Price!**



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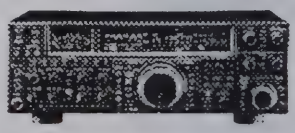

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THE EAST BAY AMATEUR RADIO CLUB, INC.

# QLF THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 10

OCTOBER 2007

## EBARC Meeting

October 12, 2007
7:30 p.m.

"Scarborough Reef & ARRL"
Bob Vallio, W6RGG

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Editor: Sharon Primbsch, AA6XZ

Deadline for Nov. issue: Tuesday, Oct. 30th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

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***NOTE: Next month's deadline gives me very little time to prepare the November issue. Please submit info early, if possible. TNX MCH, Ye Olde Editor.***

---

## President's Sidetone
### Jack Burris, K6JEB

Last month we were quite fortunate to have Dean Straw, N6BV, present to us about contesting. And by the way, he's *venerable* in the sense of "impressive dignity; worthy of veneration or reverence, because of high office and accomplishment". Besides, he wasn't the only kid on the block with a kerosene-powered guitar! :)

This month's speaker will be ARRL Pacific Division Director Bob Vallio, W6RGG. Bob will be sharing his experiences as part of the BS7H DXpedition to Scarborough Reef (aka "Scaffolding Reef"), situated in the South China Sea. You may have seen photos of Bob sitting at his operating desk on a rock out in the middle of the water.

The DXpedition certainly was up against the elements, and even some folks who stopped-by to finagle some gas. But how many of you have heard about this? "The U.S. military used the reef for bombing practice during the 1990 confrontation with Iraq, complicating matters. Large and unique underwater dune-like structures of organ-pipe coral tens of meters long were used as targets. Substantial areas of coral were torn apart by the explosions. Many of the bombs failed to explode, littering the lagoon with live ordnance." (for more info see http://pubs.wri.org/pubs_content_text.cfm?ContentID=86)

I guess when Bob says they had a "blast" he probably didn't mean any unexploded munitions went off. hi hi!

October also brings us two outstanding local events:

- The California QSO Party (see http://www.cqp.org/ for more info): Begins 1600 UTC - 6 October 2007 Ends: 2200 UTC – 7 October 2007
- Pacificon (see http://www.pacificon.org/ for more info): October 19 through 21 Marriott Hotel - San Ramon, California. Get your tickets now.

We need EBARC members to staff the club table at Pacificon. If you can cover the table for a couple of hours, we may even reimburse you for your Pacificon ticket. Contact me if you're interested.

And of course right in between these two events is our EBARC meeting on Friday, October 12 starting at 7:30 p.m. at the El Sobrante Salvation Army on Appian Way. I hope to see you there, and please bring a friend!!!

---

Many thanks to Michael McMillan, K6MCM, for preafrooding this month's *Blown Fuse*.

---

## General Meeting Minutes
## September 14, 2007
**Peter Hoffman, W6DEI, Secretary**

Meeting called to order by Jack at 19:35 PDT

Gordy reported that he's sent our tax information to the accountant and we should owe no taxes.

Stanton reported that Home Depot would like us to compose a letter to them requesting a donation or 20% discount on items we'll need for doing the roof repair on the club station next year. He also suggested that members check to see if they have any materials that they might be able to donate toward the roof repair.

Peter reported that Chris Baldo, AI6S, sent us a $200 donation toward club station repairs.

Jack reminded us that Pacificon is next month. He has spoken to Ti-Michelle Connelly about getting a table for EBARC where we can recruit new members at Pacificon.

Bob Vallio made a brief pitch for re-electing Andy Oppel. Although he likes the opposing candidate as well, he has worked very well with Andy for many years.

Meeting was adjourned at 19:47 PDT, and a presentation on "Contesting for Beginners" was given by Dean Straw.

---

## Treasurer's Report
## August & September, 2007
## Gordon Parsons, NU6W, Treasurer

JULY/AUGUST INCOME

| | |
|---|---|
| Membership Renewal, K6SRZ | $25.00 |
| Roofing Fund Donation, AI6S | 200.00 |
| Coffee Kitty, Aug | 10.00 |
| Coffee Kitty, Sep | 22.15 |
| Total Aug/Sep Income | $257.15 |

JULY/AUGUST DISBURSEMENTS

| | |
|---|---|
| Blown Fuse Printing (Aug) | $18.01 |
| Blown Fuse Printing (Sep) | 21.01 |
| Blown Fuse Postage (Aug) | 16.40 |
| Blown Fuse Postage (Sep) | 16.81 |
| AT&T (W6CUS phone Aug) | 17.61 |
| AT&T (W6CUS phone Sep) | 18.01 |
| Donation to Salvation Army | 400.00 |
| Al Streit (2006 Income Tax) | 150.00 |
| Total Aug/Sep Disbursements | $657.85 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $4,204.39 |
| Savings (Station Fund*) | $3,189.79 |

*$760 earmarked for W6CUS Roofing Fund.

2008 EBARC Membership Renewal

Name

Call Sign — N T T+ G A E License Class (circle)

Street

City, State, Zip

Phone (include area code)

e-mail address

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family
*Blown Fuse* delivery ☐ e-mail ☐ snail mail

Dues: Regular $25, Family $30, K-12 $10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name(s), call, and class

Please use the lines above to tell us your ham interests, and any non-ham skills or hobbies

## Nominations for 2008 EBARC Officers

The EBARC nominating committee for this year consists of: Randy Jenkins, KA6BQF; Peter Hoffman, W6DEI; and Syl Goldberg, W8JSN.

The following people have agreed to have their names placed in nomination for office for 2008:

President, Jack Burris, K6JEB
1st VP, (nobody yet)
2nd VP, Randy Jenkins, KA6BQF
3rd VP, Sharon Primbsch, AA6XZ
Treasurer, Gordon Parsons, NU6W
Secretary, Peter Hoffman, W6DEI

If any other member of the club would like to run for any office, please notify any member of the committee. Nominations from the floor will also be accepted during the November meeting.

---

## Badges Are Growing Whiskers

Joe Lee, W6DOB, is still holding several EBARC badges (listed below). Please claim them by calling him at 510-724-0533.

PAUL N6YPW
DYAN KV6AF
NATASHA KG6OSP
WIL K6SEZ
DUKE N6PIX
HR KD6WUS
MARC K6MMG
ALBERT KB6VMA
BOB K6ZLG

---

***Yup, it's weird... This issue has a blank page (to save on printing costs) – Ye Olde Editor***

## EBARC Roster Update

- **NEW ADDRESS:** Marion (K6MZ), Peter (KQ6ZL), and Teresa (KF6OFZ) Millar have moved to 59 Muckelemi St., #124, San Juan Bautista, CA 95045. Their new phone is 530-852-7496.

---

## Future Bay Area Events

- ARRL & MDARC's *PACIFICON 2007*, October 19-21, 2007, San Ramon Marriott Hotel, San Ramon, CA. For events, schedules, and ticket sales, see *www.pacificon.org*. For hotel reservations, call 800-228-9290 before 10/4/07, and mention the Pacificon 2007 rate of $84.
- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- South Bay Electronics Flea Market, 2nd Saturday of each month, March through October, De Anza College, Cupertino. Details at www.asvaro.org. Talk-in on 145.27 MHz (-, 100 Hz PL).
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. The remaining session for 2007 will be Sunday Oct. 28th. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2007 fee (and retest fee) remains at $14. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

# *Holiday Party*
# *Contra Costa Communications Club*
# *& East Bay Amateur Radio Club*

## *Saturday December 8, 2007*

{Deadline for ALL reservations November 30, 2007}

**12:30 p.m. (seating begins) 1:00 p.m. (lunch served)**

Marie Callender's Restaurant & Bakery
2090 Diamond Blvd., Concord, CA 94520
(925) 827-4930

*(Number for each entrée & pie)*

_____**Meatloaf Luncheon** [Mash Potatoes & Gravy, Seasonal Mix Vegetables, Cornbread]

_____**Roasted Turkey Luncheon** [Stuffing, Mash Potatoes & Gravy, Seasonal Mix Vegetables, Cornbread]

_____**Lemon Chicken Luncheon** [Rice Pilaf & Seasonal Mix Vegetables, Cornbread]

_____**Soup/Salad Bar** –*Self Served – located on the other side of restaurant from our room.*

_____**Sugar Free Apple Pie**
_____**Apple Pie**
_____**Pumpkin Pie**
_____**Chocolate Cream Pie**

Meal includes either: fountain drink, iced tea or coffee –*SELF SERVED TABLE WILL BE SET UP IN THE ROOM*

Name(s):_____

_____@ $18.00 per person = $_____

Make check payable to "Contra Costa Communication Club"
Mail to: P.O. Box 20661, El Sobrante, CA 94820-0661
(Yes you can include your dues for the 4C's on one check)
Questions: Please contact Barbara Grazer-Robinson KD6OKJ
510-222-4990

The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone interested in amateur radio. Annual dues are $25 for individual membership, $30 for a family membership, and $10 for students K-12. For information, call (510) 233-7509, contact any EBARC officer, see Web page www.eastbayarc.org, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. The East Bay Amateur Radio Club maintains a club station, W6CUS, at 3200 Macdonald Ave., Richmond. The packet station, W6CUS-1, is on 145.630 Mhz, and is linked to the EAST BAY LAN (EBAY) on 223.720 Mhz.

## 2007 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Jack Burris, K6JEB, President.....415-305-2547
Ron Smith, KE6RS, 1st VP - Program Chair.....724-5099
Randy Jenkins, KA6BQF, 2nd VP – Hospitality Chair.....526-4089
Sharon Primbsch, AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor.....741-8227
Gordon Parsons, NU6W, Treasurer / Finance Committee Chair.....785-4290
Peter Hoffman, W6DEI, Secretary, Field Day Chair, Web Site Guru,
and Publicity Chair.....525-0694
Ralph Hall, W6EFD, W6CUS Trustee / SysOp.....232-0727
Stanton Gleason, KD6SWU, Club Station Manager, Member-at-Large..385-4044
John Wood, N6JDW, Education Chair, Member-at-Large.....741-7050
Bob Bowling, K6ZLG, Member-at-Large.....233-5749
Joe Lee, W6DOB, Silent Key Chair.....724-0533
Awards Chair.....
Social & Digital Committees Chair.....
Legislative Affairs.....
RFI Committee Chair.....
Historian.....

## AMATEUR RADIO NETS

| NET | DAYS | LOCAL TIME | | FREQ, MHZ |
|---|---|---|---|---|
| West Contra Costa County ARES/RACES Net | Thurs | 1845 | (PL 82.5-) | 145.110 |
| EBARC "Explore Net" (HF) | Mon | 1930 | (USB) | 28.425 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

**ANAHEIM, CA**
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
**(800) 854-6046**
Janet, KL7MF, Mgr.
anaheim@hamradio.com

**BURBANK, CA**
1525 W. Magnolia Blvd, 91506
(818) 842-1786
**(800) 854-6046**
Eric, KA6IHT, Mgr.
Magnolia between
S. Victory & Buena Vista
burbank@hamradio.com

**OAKLAND, CA**
2210 Livingston St., 94606
(510) 534-5757
**(800) 854-6046**
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

**SAN DIEGO, CA**
5375 Kearny Villa Rd., 92123
(858) 560-4900
**(800) 854-6046**
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

**SUNNYVALE, CA**
510 Lawrence Exp. #102, 94085
(408) 736-9496
**(800) 854-6046**
Howard, W6HOC, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

**NEW CASTLE, DE**
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
**(800) 644-4476**
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

**PORTLAND, OR**
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
**(800) 854-6046**
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

**DENVER, CO**
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
**(800) 444-9476**
John, N5EHP, Mgr.
denver@hamradio.com

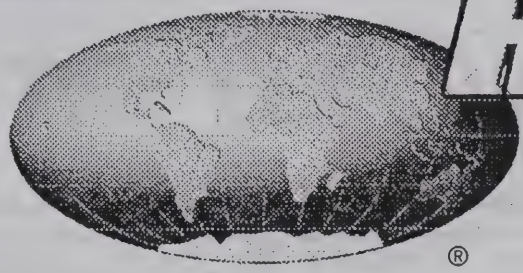
**PHOENIX, AZ**
1939 W. Dunlap Ave., 85021
(602) 242-3515
**(800) 444-9476**
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

**ATLANTA, GA**
6071 Buford Hwy., 30340
(770) 263-0700
**(800) 444-7927**
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

**WOODBRIDGE, VA**
(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
**(800) 444-4799**
Steve, W4SHG, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

**SALEM, NH**
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
**(800) 444-0047**
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston
salem@hamradio.com

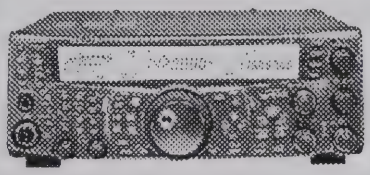
# 12 STORE BUYING POWER



# HAM RADIO OUTLET®

WORLDWIDE DISTRIBUTION

## KENWOOD



### TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

**Low Intro Price!**

**SUNNYVALE, CA**
510 Lawrence Exp. #102, 94085
(408) 736-9496
**(800) 854-6046**
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sunnyvale@hamradio.com

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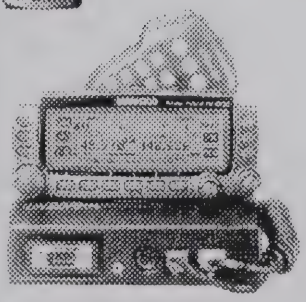
2210 Livingston St., 94606
(510) 534-5757
**(800) 854-6046**
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

### TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

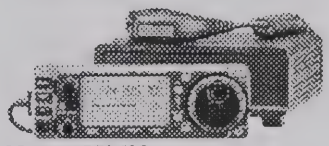
**Low Pricing!**



### TM-D700A 2M//440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built in 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

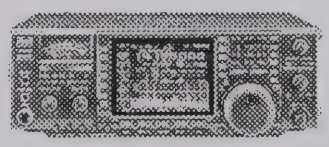
## ICOM



### IC-706MkIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menues

**Low Pricing!**

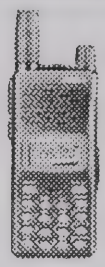


### IC-756 PRO III All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

**The Ultimate Radio!**

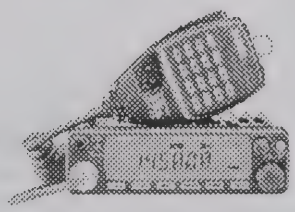
## ALINCO



### DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

**Low Pricing!**

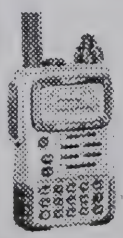


### DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

**Low Pricing!**

## YAESU

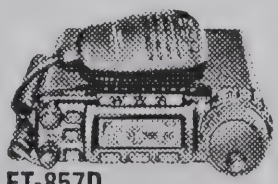


### VX-7R

50/2M/220/440 HT

- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

**Great Price!**

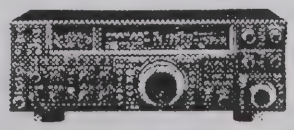


### FT-857D

Ultra compact HF, VHF, UHF

- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel (YSK-857 required)

**Call for Low Price!**



### FT-2000 HF + 6M tcvr

- 100 W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 3 Band Parametric Mic EQ
- 3 IF roofing filters

**Call Now For Low Pricing!**

THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 11

NOVEMBER 2007

## EBARC Meeting

November 9, 2007
7:30 p.m.

Election of 2008 EBARC Officers
"ARRL Update", by
TI-Michelle Connelly, NJ6T

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 1123 Harrison St., Berkeley. For directions call 510-525-0694.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL

POSTMASTER:
Address Correction Requested

*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for Dec. issue: Tuesday, Nov. 27th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

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## New Board Meeting Location

The EBARC Executive Board meeting location is now at Peter Hoffman's house, 1123 Harrison St., Berkeley. As always, EBARC members are welcome to attend Board meetings. The Board meets the Monday before each general meeting at 7:30 p.m.

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## President's Sidetone
### Jack Burris, K6JEB

A man once was lost in the woods. He had forgotten to charge his handi-talkie and of course his cell phone was of no use (as usual). Every time he thought he had found the way out of the woods, he would realize he had just gone in a big circle. Along came another person. He too was lost, but in a much better mood. When quizzed "Why are you so elated?" by the ham, the stranger replied "I don't know the way out of the forest either, but together, we can enjoy our walk through the trees!"

By time you get this, Fall will be in full swing. The air is getting just a little cooler each morning. The leaves on trees are changing color. Hopefully you've done any antenna maintenance for the season, and if you're new to the hobby, you're probably trying to figure out how to make sense of this crazy hobby. But you don't have to "go it alone." That's what ham clubs are all about, not just socializing, but for learning from one another.

If you feel just a bit overwhelmed about trying to get on the air, or you're still not quite sure how to deal with Smith charts (but you'd like to learn), getting involved with the East Bay Amateur Radio Club is the way to go. Maybe you need someone to give your new rig a signal check, or how about some help with that antenna?

There is power in numbers, and this month, we have our American Radio Relay League (ARRL) East Bay Section Manager Ti Michelle Connelly, NJ6T presenting on all topics ARRL. Ti is retiring from the position of Section Manager and has many adventures ahead. Be sure to drop by to see what she's got planned!

If you didn't attend Pacificon, you missed the best one yet. Record attendance, great forums, meeting the smiling faces behind all the voices you hear . . . I could ramble on and on. It was a good time and MDARC (Mt. Diablo Amateur Radio Club) did a great job of putting it together.

See you at the meeting! Bring a friend and anyone interested in amateur radio!

---

## November Program
### Ron Smith, KE6RS

On November 9th, Ti-Michelle Connelly, NJ6T, will be speaking about what is happening in the East Bay Section of ARRL.

---

Ye Olde Editor preafrooded this month's *Blown Fuse*. Errors are hers alone...

## Get your General Ticket!
### Ti Michelle Connelly, NJ6T

Seats are still available for the General license training class. It's sponsored by the East Bay Amateur Radio Club (EBARC), Oakland Radio Communication Association (ORCA) and Amateur Radio Club of Alameda (ARCA)
**Where:** Alameda Fire Dept Training Ctr.
431 Stardust Place, Alameda, CA 94501
**Date:** 10/30/2007-12/11/2007
**Time:** 7:00 pm - 9:30 pm Pacific
**Contact:** David Haycock, KI6AWR
510-846-0011 or ki6awr@arrl.net

---

**Our club is 60 years old! EBARC grew out of the Richmond Radio Club**

---

## Treasurer's Report
### October 2007
### Gordon Parsons, NU6W, Treasurer

OCTOBER INCOME

| | |
|---|---|
| New Member, KG6SYD | $25.00 |
| Membership Renewal, AB6VB, F6HEX, K6LHP | 75.00 |
| Total Oct, Income | $100.00 |

OCTOBER DISBURSEMENTS

| | |
|---|---|
| Blown Fuse Printing | $24.82 |
| Blown Fuse Postage | 16.81 |
| AT&T (W6CUS phone) | 18.08 |
| Total Oct. Disbursements | $59.71 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $4,244.59 |
| Savings (Station Fund*) | $3,171.71 |

*$760 earmarked for W6CUS Roofing Fund.

We are collecting membership dues for 2008. Please fill out the renewal form from *The Blown Fuse*. Dues: regular individual $25, family $30.

2008 EBARC Membership Renewal

Name _____

Call Sign _____ N T T+ G A E License Class (circle)

Street _____

City, State, Zip _____

Phone (include area code) _____

e-mail address _____

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family
*Blown Fuse* delivery ☐ e-mail ☐ snail mail

Dues: Regular $25, Family $30, K-12 $10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name(s), call, and class

_____
_____
_____
_____

Please use the lines above to tell us your ham interests, and any non-ham skills or hobbies

---

## Please Support ARRL

If you are not a member of ARRL, please join. This organization works hard for us: protecting our spectrum, lobbying, managing volunteer examiners, creating great publications, etc. EBARC is an ARRL-affiliated club, which requires that a substantial number of our members belong to ARRL. If you haven't been a member for two years, please rejoin through EBARC, because our club keeps a portion of your ARRL dues. See Sharon or Gordy for the proper form.

## General Meeting Minutes
## October 12, 2007
**Peter Hoffman, W6DEI, Secretary**

The meeting called to order by Jack, K6JEB, near 7:30 p.m.

Texx, KG6ATH, reported that Burgie, KE6MSF, is working on a mid-January crab feed.

Stanton, KD6SWU, reported that he has put up a railing at the ramp to the club station door.

Ron, KE6RS, reported that Ti-Michelle Connelly will speak about ARRL news at the November meeting.

The November EBARC board meeting will be at Peter Hoffman's house.

The meeting was adjourned for a presentation by Bob Vallio, W6RGG, on the Scarborough Reef DXpedition.

---

## Election of 2008 EBARC Officers

The EBARC nominating committee for this year consists of: Randy Jenkins, KA6BQF; Peter Hoffman, W6DEI; and Syl Goldberg, W8JSN.

The following people have agreed to have their names placed in nomination for office for 2008:

President, Jack Burris, K6JEB
1st VP, (nobody yet)
2nd VP, Randy Jenkins, KA6BQF
3rd VP, Sharon Primbsch, AA6XZ
Treasurer, Gordon Parsons, NU6W
Secretary, Peter Hoffman, W6DEI

Nominations from the floor will also be accepted during the November general meeting.

---

## EBARC Roster Update

**NEW MEMBER:** Mark O'Brien, KG6SYD, has a General ticket. He lives at 1563 Solano Ave., Apt. 103, Berkeley, 94707. His phone is 650-776-1817.

---

## Future Bay Area Events

- 4Cs/EBARC Holiday Party, Sat., Dec. 8th, 12:30 p.m., at Marie Callender's, 2090 Diamond Blvd. Concord. Reservations and payment due by Nov. 30th to Barbara Grazer-Robinson, KD6OKJ, 510-222-4990.
- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. 2007 sessions are complete, and the dates for 2008 have not yet been set. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2008 fee (and retest fee) has not yet been set. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

---

## Books for Hams?

- "Vacuum Tubes are not Obsolete", by Phil A. Mentz
- "How to Reach the Top of the DX Honor Roll", by Lon Gevity
- "How to Troubleshoot Radio Transmitters", by I. C. "Red" Sparks
- "Why R. L. Drake left the Amateur Market", by Ken Woods

[from *Radio Sporting Magazine*]

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## 2007 EAST BAY AMATEUR RADIO CLUB EXECUTIVE BOARD

Jack Burris, K6JEB, President.....415-305-2547
Ron Smith, KE6RS, 1st VP - Program Chair.....724-5099
Randy Jenkins, KA6BQF, 2nd VP – Hospitality Chair.....526-4089
Sharon Primbsch, AA6XZ, 3rd VP - Membership / *Blown Fuse* Editor.....741-8227
Gordon Parsons, NU6W, Treasurer / Finance Committee Chair.....785-4290
Peter Hoffman, W6DEI, Secretary, Field Day Chair, Web Site Guru,
and Publicity Chair.....525-0694
Ralph Hall, W6EFD, W6CUS Trustee / SysOp.....232-0727
Stanton Gleason, KD6SWU, Club Station Manager, Member-at-Large..385-4044
John Wood, N6JDW, Education Chair, Member-at-Large.....741-7050
Bob Bowling, K6ZLG, Member-at-Large.....233-5749
Joe Lee, W6DOB, Silent Key Chair.....724-0533
Awards Chair.....
Social & Digital Committees Chair.....
Legislative Affairs.....
RFI Committee Chair.....
Historian.....

## AMATEUR RADIO NETS

| NET | DAYS | LOCAL TIME | | FREQ, MHZ |
|---|---|---|---|---|
| West Contra Costa County ARES/RACES Net | Thurs | 1845 | (PL 82.5-) | 145.110 |
| EBARC "Explore Net" (HF) | Mon | 1930 | (USB) | 28.425 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

**ANAHEIM, CA**
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
**(800) 854-6046**
Janet, KL7MF, Mgr.
anaheim@hamradio.com

**BURBANK, CA**
1525 W. Magnolia Blvd, 91506
(818) 842-1786
**(800) 854-6046**
Eric, KA6IHT, Mgr.
Magnolia between
S. Victory & Buena Vista
burbank@hamradio.com

**OAKLAND, CA**
2210 Livingston St., 94606
(510) 534-5757
**(800) 854-6046**
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

**SAN DIEGO, CA**
5375 Kearny Villa Rd., 92123
(858) 560-4900
**(800) 854-6046**
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

**SUNNYVALE, CA**
510 Lawrence Exp. #102, 94085
(408) 736-9496
**(800) 854-6046**
Howard, W6HOC, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

**NEW CASTLE, DE**
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
**(800) 644-4476**
Rick, K3TL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

**PORTLAND, OR**
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
**(800) 854-6046**
Leon, W7AD, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

**DENVER, CO**
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
**(800) 444-9476**
John, N5EHP, Mgr.
denver@hamradio.com

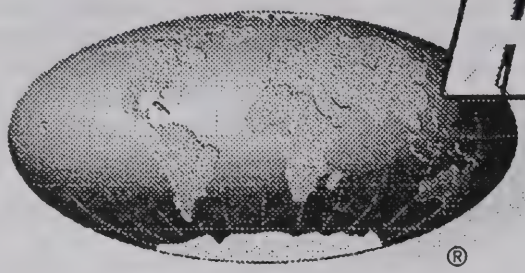
**PHOENIX, AZ**
1939 W. Dunlap Ave., 85021
(602) 242-3515
**(800) 444-9476**
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

**ATLANTA, GA**
6071 Buford Hwy., 30340
(770) 263-0700
**(800) 444-7927**
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

**WOODBRIDGE, VA**
(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
**(800) 444-4799**
Steve, W4SHG, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

**SALEM, NH**
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
**(800) 444-0047**
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston
salem@hamradio.com

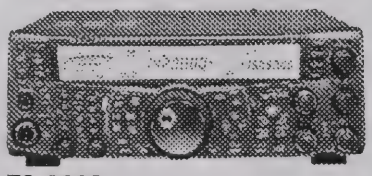
# 12 STORE BUYING POWER



# HAM RADIO OUTLET®

**WORLDWIDE DISTRIBUTION**

## KENWOOD



### TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

**Low Intro Price!**

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510 Lawrence Exp. #102, 94085
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**(800) 854-6046**
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**OAKLAND, CA**
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(510) 534-5757
**(800) 854-6046**
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

### TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

**Low Pricing!**

### TM-D700A 2M//440 Dualband

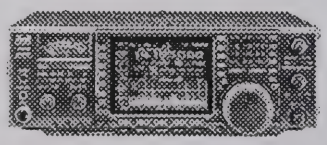
- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built In 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

## ICOM

### IC-706MkIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menues

**Low Pricing!**

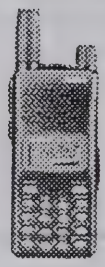


### IC-756 PRO III All mode Transceiver

- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

**The Ultimate Radio!**

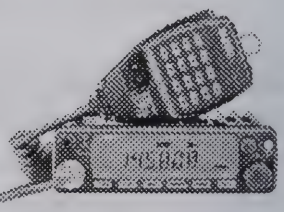
## ALINCO



### DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

**Low Pricing!**

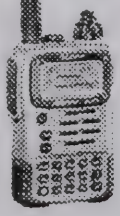


### DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

**Low Pricing!**

## YAESU

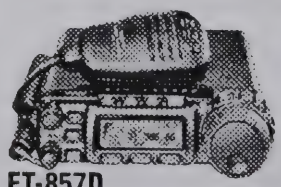


### VX-7R

50/2M/220/440 HT

- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

**Great Price!**

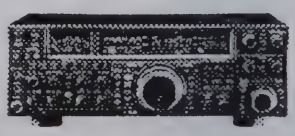


### FT-857D

Ultra compact HF, VHF, UHF

- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel (YSK-857 required)

**Call for Low Price!**



### FT-2000 HF + 6M tcvr

- 100 W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 3 Band Parametric Mic EQ
- 3 IF roofing filters

**Call Now For Low Pricing!**

THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

# THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LX NUMBER 12 DECEMBER 2007

## EBARC Meeting

December 14, 2007
7:30 p.m.

Installation of 2008 EBARC Officers
and
Holiday Social

The East Bay Amateur Radio Club meets the second Friday of each month at the Salvation Army, 4600 Appian Way, El Sobrante.

The Executive Board meets the Monday before each general meeting at 7:30 p.m. at 1123 Harrison St., Berkeley. For directions call 510-525-0694.

THE EAST BAY AMATEUR RADIO CLUB, INC.
Post Office Box 1393
El Cerrito, CA 94530

FIRST CLASS MAIL

POSTMASTER:
Address Correction Requested

*The Blown Fuse* is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given.
Editor: Sharon Primbsch, AA6XZ

Deadline for Jan. issue: Wednesday, Dec. 26th

*[Articles may be submitted by "snail" mail, by dictation over the 'phone 510-741-8227, or by e-mail to aa6xz@earthlink.net]*

---

## Field Day 2007 Results
### Peter Hoffman, W6DEI

Official Field Day results for 2007 were published in *QST* this month, and with 6,130 points, EBARC placed 28th out of 280+ entries in the 3A class. We were 3rd place among 3A stations in the Pacific Division. Those are excellent results. My thanks to all who participated in the myriad of tasks required to pull off another successful Field Day.

As good as our score was there's ample room for improvement. Specifically we could benefit by having more trained operators for the SSB and PSK stations where our transceivers sat idle during a good portion of the contest hours. If you haven't operated a contest before you'd be surprised at how much fun it can be. A few hours of mentoring with one of the seasoned contesters in our club is about all that's required for you to enjoy the thrills of ham radio contesting next Field Day.

---

Ye Olde Editor preafrooded this month's *Blown Fuse*. Errors are hers alone...

## December Program
### Ron Smith, KE6RS

Our December 14th meeting will feature installation of officers for 2008 followed by a year-end social. The club will provide a small gift for each person attending, and a drawing will be held to decide which attendee takes home a nice door prize.

---

## Treasurer's Report
### November 2007
### Gordon Parsons, NU6W, Treasurer

NOVEMBER INCOME

| | |
|---|---|
| Family Renewals; N6JDW/KF6OGC, KG6DER/KI6MPO, K6JEB/KI6FYN | $90.00 |
| Membership Renewals; W8JSN, KE6ZWO, W6DOB, AA6XZ, NU6W, NJ6T, KA6BQF, KG6WPN, KE6EUA, KE6RS, KD6SWU | 275.00 |
| Donation (KD6SWU) | 5.00 |
| Coffee Kitty | 20.32 |
| Total Nov. Income | $390.32 |

NOVEMBER DISBURSEMENTS

| | |
|---|---|
| Blown Fuse Printing | $13.12 |
| Blown Fuse Postage | 23.78 |
| AT&T (W6CUS phone) | 16.52 |
| Total Nov. Disbursements | $53.42 |

BANK OF THE WEST ACCOUNTS

| | |
|---|---|
| Checking (General Fund) | $4,577.69 |
| Savings (Station Fund*) | $3,175.51 |

*$760 earmarked for W6CUS Roofing Fund.

The 2008 membership dues are now being collected. The cost is $25 for a regular individual and $30 for a family. Please write your call sign(s) on your check to facilitate recordkeeping. Pay your dues at the next club meeting, or send them in to the club P.O. box (address on the cover of *The Blown Fuse*).

2008 EBARC Membership Renewal

Name

Call Sign

N T T+ G A E
License Class (circle)

Street

City, State, Zip

Phone (include area code)

e-mail address

ARRL Member? ☐ Yes ☐ No
Membership Type ☐ Regular ☐ Family
*Blown Fuse* delivery ☐ e-mail ☐ snail mail

Dues: Regular $25, Family $30, K-12 $10

Mail to P.O. Box 1393, El Cerrito, CA 94530

Additional family member name(s), call, and class

Please use the lines above to tell us your ham interests, and any non-ham skills or hobbies

## EBARC Officers for 2008

EBARC officers for 2008 are:

President, Jack Burris, K6JEB
1st VP, "Texx" Woodworth, KG6ATH
2nd VP, Randy Jenkins, KA6BQF
3rd VP, Sharon Primbsch, AA6XZ
Treasurer, Gordon Parsons, NU6W
Secretary, Peter Hoffman, W6DEI

## General Meeting Minutes November 9, 2007

**Peter Hoffman, W6DEI, Secretary**

The meeting called to order by Jack, K6JEB, near 7:30 p.m.

Club Station Chair, Stanton, asked if we should consider dropping the towers to service the antenna rotors. Texx mentioned that one of the rotors does have a "sticky" spot.

1st VP, Ron Smith, announced that next month's meeting would be a "social." Every attendee would get a small gift, and one more substantial doorprizes would be awarded.

Field Day Chair, Peter Hoffman, made a plea for more radio operators on Field Day, offering mentoring and encouragement to anyone interested.

Education Chair, John Wood, said the recent Technician class completed successfully with 18 of 20 students passing their license exam. We are now in the middle of the General upgrade class and will consider doing an Extra upgrade class this spring. Four people expressed interest in taking that Extra class.

3rd VP, Sharon, reported that membership renewals are coming in. 16 people at the recent VE session received a copy of *The Blown Fuse*, a membership application, and an invitation to attend an EBARC meeting. Those who took the Technician class get free membership in EBARC for 2008.

Treasurer, Gordy, reported our bank balances, income and expenditures. Insurance is due and will be paid.

President, Jack, reminded everyone about the 4C's holiday party.

Ron Smith mentioned the ARRL Frequency Test and mentioned that Mike Fahme will be

conducting one in parallel for just the West Coast.

Jack reminded us of the November Sweepstakes contest coming up. Ti-Michelle mentioned the Section Manager Bulletins from the ARRL and said that we had added lots of new hams to our ranks (119) in October.

Nominations were opened for 2008 EBARC officers. All current officers agreed to stay in their positions, with the exception of Ron Smith, First VP. So each current officer was re-nominated for their position. Texx was nominated for First VP. With only one nominee for each position, a motion was made to approve the slate by acclimation. That was seconded and passed.

## Future Bay Area Events

- 4Cs/EBARC Holiday Party, Sat., Dec. 8th, 12:30 p.m., at Marie Callender's, 2090 Diamond Blvd. Concord. Reservations and payment due by Nov. 30th to Barbara Grazer-Robinson, KD6OKJ, 510-222-4990.
- Livermore Swap Meet, 1st Sunday of each month at Robertson Park, 7 a.m. to noon, all year. Talk-in 147.045 MHz. Info: Robert 925-560-5646 (h). More info at www.livermoreark.org/swap/swap.html
- EBARC, ORCA, and ARCA sponsor joint ARRL VEC Amateur Radio Test Sessions quarterly at 9 a.m. 2007 sessions are complete, and the dates for 2008 have not yet been set. Exams are held in the 2nd floor conference room of the Kaiser Building, 1950 Franklin, Oakland (1 block from the 19th St. BART station). The 2008 fee (and retest fee) has not yet been set. For info call 510-846-1587 or 510-741-8227.
- CoCoCo RACES Training: Details, RACES net, 6:45 p.m., Thursdays on 145.11 MHz.

## EBARC Roster Update

**NEW MEMBER:** Mona Shahbazian, KI6MPD, joined (with Michael Hole) for 2008. She has a Technician license. She lives at 780 Oak Grove Rd. #D308, Concord, CA 94518. Her phone is 925-609-7172.

## EBARC Thanks "The Candy Store"

A big "thank you" from EBARC goes to Ham Radio Outlet in Oakland. Manager Mark Nowell, WI7YN, has generously donated gifs for the Dec. 8th 4Cs/EBARC Holiday Luncheon. If you've reserved and paid for the luncheon, you'll have a chance to get one of these gifts. Please patronize our faithful advertiser, HRO!

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Gordon Parsons, NU6W, Treasurer / Finance Committee Chair.....785-4290
Peter Hoffman, W6DEI, Secretary, Field Day Chair, Web Site Guru,
and Publicity Chair.....525-0694
Ralph Hall, W6EFD, W6CUS Trustee / SysOp.....232-0727
Stanton Gleason, KD6SWU, Club Station Manager, Member-at-Large..385-4044
John Wood, N6JDW, Education Chair, Member-at-Large.....741-7050
Bob Bowling, K6ZLG, Member-at-Large.....233-5749
Joe Lee, W6DOB, Silent Key Chair.....724-0533
Awards Chair.....
Social & Digital Committees Chair.....
Legislative Affairs.....
RFI Committee Chair.....
Historian.....

## AMATEUR RADIO NETS

| NET | DAYS | LOCAL TIME | | FREQ, MHZ |
|---|---|---|---|---|
| West Contra Costa County ARES/RACES Net | Thurs | 1845 | (PL 82.5-) | 145.110 |
| EBARC "Explore Net" (HF) | Mon | 1930 | (USB) | 28.425 |
| KARO/ECHO ARES/RACES Net | Thurs | ~1900 | simplex | 146.415 |
| NALCO RACES/ARES Net | Thurs | 1915 | (PL 131.8+) | 440.900 |
| Oakland ARES Emergency Communications Net | Thurs | 1930 | (PL 77-) | 146.880 |
| Contra Costa Communications Club Net | Thurs | 1930 | (PL 82.5-) | 145.110 |
| Tech Net | Thurs | 2000 | (PL 82.5-) | 145.110 |
| "Over the Hill Gang" Breakfast/Commute Net | Mo-Fr | 0710 | (PL 82.5-) | 145.110 |
| Northern Calif. Net VHF Session | Daily | 1930 | (PL 107.2-) | 145.410 |
| "Going Home Group" | Mo-Fr | 1600 | (PL 82.5-) | 145.110 |

Asst. EC West CoCoCo: Steve Adams, KF6WNH, sadams0584@aol.com; home: 510-236-9770 work: 510-893-7900 x 270; pager 510-765-4618. Frequencies: #1=145.110-, #2=147.570s.

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anaheim@hamradio.com

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Eric, KA6IHT, Mgr.
Magnolia between
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I-880 at 23rd Ave. ramp
oakland@hamradio.com

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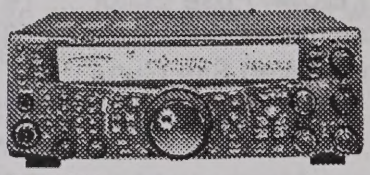

### TS-2000 HF/VHF/UHF TCVR

- 100W HF, 6M, 2M • 50W 70CM
- 10W 1.2 GHz w/optional UT-20 module
- IF Stage DSP • Built-in TNC, DX packet cluster
- Backlit Front Key Panel

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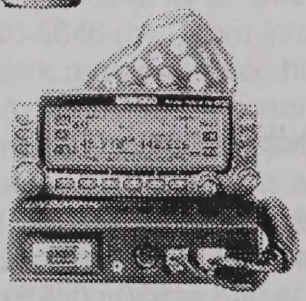
### TH-D7A(G) 2M/440

- 2M/440 Dual Band
- Built-in 1200/9600 Baud TNC
- APRS Compatible
- DX Packet Cluster Monitor
- 200 Mems., CTCSS
- VC-H1 Messaging Control

**Low Pricing!**



### TM-D700A 2M//440 Dualband

- 50w VHF 35w UHF • Opt. Voice Synthesizer
- Receives 118-1300 mHz (cell blocked)
- Remote Head Inst. only (kit included)
- 200 Memories • Built In 1200/9600 baud TNC
- Advanced APRS Features
- Dx Packet Cluster
- Tone Scan • GPS/VC-H1/PC Ports

## ICOM

### IC-706MkIIG HF/VHF Transceiver

- All mode HF/6M/2M/70CM
- 100W HF/6M, 50W/2M, 20W/440 MHz
- AF-DSP • Plug and Play Filters - No Soldering
- Easy-to-Navigate menues

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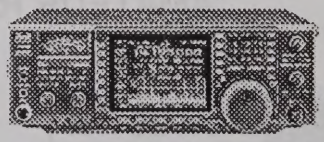

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- 160-6M @ 100W • Enhanced Rx performance
- 32 bit IF DSP • SSB/CW Synchronous tuning
- Enhanced 5 inch color TFT w/spectrum scope
- Selectable IF filter shapes for SSB & CW
- Multiple DSP controlled AGC loops
- Advanced CW functions
- 101 alphanumeric memories

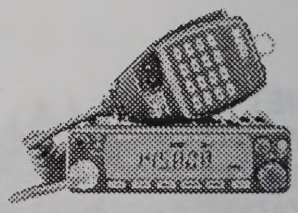
**The Ultimate Radio!**

## ALINCO

### DJ-196T 2M/HT

- 5 Watt out
- 40 memories
- Alphanumeric display
- CTCSS + DCS built in
- "S" meter
- Auto Dialer

**Low Pricing!**



### DR-135TP 2M mobile

- 50 Watt out • Alpha numeric display
- 100 mems • Built-in TNC 1200 & 9600 Baud
- Front Panel GPS in • Rear DB-9 port
- CTCSS/DCS Encode/Decode built in

**Low Pricing!**

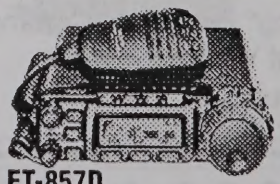
## YAESU

### VX-7R

50/2M/220/440 HT

- Wideband RX
- 900 Memories
- 5W TX (300mw 220Mhz)
- Li-Ion Battery
- Fully Submersible to 3 ft.
- Built-in CTCSS/DCS
- Internet WIRES compatible

**Great Price!**

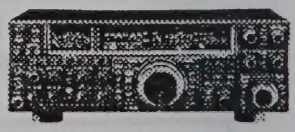


### FT-857D

Ultra compact HF, VHF, UHF

- 100w HF/6M, 50w 2M, 20w UHF
- DSP included • 32 color display
- 200 mems • Detachable front panel (YSK-857 required)

**Call for Low Price!**



### FT-2000 HF + 6M tcvr

- 100 W w/ auto tuner
- built-in Power supply
- DSP filters / Voice memory recorder
- 3 Band Parametric Mic EQ
- 3 IF roofing filters

**Call Now For Low Pricing!**